

Environmental Survey – Building 130 H  
Naval Station Great Lakes  
Great Lakes, Illinois

Prepared for:

Department of the Navy  
Naval Station Great Lakes  
Naval Facilities Engineering Command (NAVFAC), Midwest  
201 Decatur Avenue, Building 1A  
Great Lakes, Illinois 60088

Prepared by:



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EDI Project No. 1602.032

August 23, 2011 Approved for Release By

  
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Exp. Date 11/30/2011



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August 23, 2011

Mr. Carlo Luciano  
Naval Station Great Lakes  
NAVFAC Midwest IPT  
Building 1A  
201 Decatur Avenue  
Great Lakes, Illinois 60088

**SUBJECT:** Environmental Survey - Building 130H  
Great Lakes, Illinois  
EDI Project No. 1602.032

Dear Mr. Luciano:


Enclosed please find the Environmental Survey for Building 130H located on the Naval Station Great Lakes in Great Lakes, Illinois, prepared by Environmental Design International inc.

EDI performed a survey to identify and sample suspect asbestos, lead-containing building materials, and cadmium and chromium containing materials, within the interior of Building 130H, that would be impacted by scheduled renovations. Asbestos samples were submitted to a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory for analysis, and lead samples were submitted to an Environmental Lead Laboratory Accreditation Program (ELLAP) accredited laboratory for analysis. Survey and laboratory results indicate asbestos in floor tile/mastic. Survey and laboratory analysis indicate that no representative painted components sampled contain lead. Please refer to the attached report for details on the survey.

Please feel free to contact me at (312) 345-1400 x 136 or by email at [pfeeley@envdesigni.com](mailto:pfeeley@envdesigni.com) with any comments or questions regarding EDI's investigation and this report.

Sincerely,

**Environmental Design International inc.**

  
Patricia Feeley, PG  
Senior Project Manager

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## **Executive Summary**

Environmental Design International inc. (EDI) was retained by the Department of the Navy, Naval Facilities Engineering Command (NAVFAC) Midwest, under Navy Contract Number N40083-07-A-0016, BPA Call Number 0033, to perform a limited environmental survey of Building 130H located on the Naval Station Great Lakes in Great Lakes, Illinois.

The limited environmental survey consisted of the survey of the interior of Building 130H and roof for suspect asbestos containing material (ACM), lead based paint (LBP), chromium and cadmium based paint, and other suspect hazardous materials according to the scheduled renovation scope of work.

Every attempt was made to thoroughly evaluate and assess the presence and condition of suspect ACM, LBP, chromium and cadmium based paint, and other suspect hazardous materials. Any suspect ACM, LBP, or other environmental hazards identified during renovation that are not specifically listed in this report should be thoroughly evaluated, assessed, sampled, and analyzed prior to disturbance, in accordance with applicable regulatory standards.

EDI performed a visual inspection of building materials and collected representative samples of homogeneous suspect ACM. The samples were submitted to a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for bulk analysis. Based on the visual inspection and bulk sample analysis results suspect building materials were reported to be asbestos-containing. The grey floor tile with specks and associated mastic adhesive, and the beige floor tile with specks and associated mastic adhesive located throughout the building were reported to contain asbestos with an asbestos content greater than one percent.

EDI performed a visual inspection of building materials and collected representative samples of suspect LBP painted components. The samples were submitted to an Environmental Lead Laboratory Accreditation Program (ELLAP) accredited laboratory for analysis. Based on the visual inspection and laboratory analysis results, none of the representative painted components contain lead, cadmium or chromium above laboratory detection limits.

EDI performed a visual survey of Building 130H for other potential hazardous materials. Suspect hazardous materials should be removed, handled, and disposed of in accordance with applicable federal, state, and local regulations. EDI recommends that tenant-stored materials requiring special handling and disposal, such as the air conditioning units, polychlorinated byphenols (PCBs) fluorescent light ballasts, exit signs, potential mercury-containing devices, fire extinguishers, chemicals, refrigerators and vending machines, and hazardous chemicals be removed prior to renovation of the building.

## **1.0 Introduction**

Environmental Design International inc. (EDI) was retained by the Department of the Navy, NAVFAC Midwest, under Navy Contract Number N40083-07-A-0016, BPA Call Number 0033, to perform an environmental survey of specific interior and exterior areas of Building 130H located on the Naval Station Great Lakes in Great Lakes, Illinois. The field survey was performed by Mr. John Feely (IDPH License# 1001558) and Ms. Alpana Chaudhary on August 11, 2011. Licenses and certifications for EDI staff are provided in Appendix H.

### **1.1 Project Purpose and Background**

The NAVFAC is scheduled to renovate portions of Building 130H, located on the Great Lakes Naval Training Center in Great Lakes, Illinois. The limited environmental survey consisted of the survey of the interior of Building 130H and roof for suspect ACM, LBP, and other hazardous materials.

### **1.2 Scope of Work**

EDI performed a limited environmental survey, including the limited survey of the interior of Building 130H and roof for suspect ACM, LBP, and other suspect hazardous materials. EDI performed the environmental survey on August 11, 2011. Many rooms in building 130H were not accessible to the inspector for review.

## 2.0 Asbestos Survey

### 2.1 Asbestos Survey Methodology

EDI representatives performed a visual inspection to identify suspect ACM on accessible areas of Building 130H. The ACM survey was performed in accordance with the United States Environmental Protection Agency (USEPA) *Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials* (USEPA 560/5085-030a, October 1985). The ACM survey included the following activities:

- Visual inspection of accessible areas of the building;
- Collection of bulk samples of identified suspect ACM per homogeneous material in accessible areas of the building;
- AIHA and NVLAP accredited laboratory analysis of suspect ACM bulk samples by polarized light microscopy (PLM) to first positive result per homogeneous material; and,
- Preparation of a final report that includes sample locations of representative ACM and the laboratory's analytical report.

A total of eighty-four (84) bulk samples of suspect asbestos containing building materials (ACBM) were collected from the specified survey areas, representing twenty-one (21) homogeneous sampling areas (HSAs). Specific sample descriptions are summarized in Appendix A. HSAs are areas containing materials that are similar in color, texture, and general appearance, and which appear to have been uniformly installed during the same time period. Refer to Appendix E, for asbestos sample numbers and approximate sampling locations. HSAs observed and sampled include, but are not limited to:

- Pipe wrap
- Drywall and drywall joint compound
- Baseboard
- Ceiling tile
- Floor tile and mastic
- Roof field, flashing, and caulk
- Window caulk

Bulk samples of suspect ACM were collected using wet sampling methods with a coring device or a sample cutter, as appropriate, to collect a cross-section of the suspect ACM. Sample collection tools were decontaminated after each sample to avoid cross contamination. Bulk ACM samples were placed into clean unused sample containers marked with a unique sample identification number. For each sample, the identification number, brief material description, location, condition, and estimated quantity of suspect ACM were recorded on a bulk sample log sheet. The asbestos results are tabulated in Appendix A. Chain-of-Custody (COC) procedures

were followed for the ACM survey. These procedures provide a written tracking mechanism that lists the person responsible for the sample from collection to delivery to the laboratory. Sample identification numbers, sample locations, and material descriptions were recorded on the chain-of-custody forms.

All bulk samples were analyzed by International Asbestos Testing Laboratories (IATL) in Mt. Laurel, New Jersey, a NVLAP accredited asbestos laboratory. Laboratory reports, certifications, and chains of custody are contained in Appendix F. Samples were analyzed by polarized light microscopy (PLM) supplemented with dispersion staining. PLM is an USEPA-approved method that utilizes a light microscope equipped with polarized filters (USEPA Method 600/R-93/116).

Some materials may not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tile routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard PLM method. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials. These types of flooring materials that are reported by laboratory analysis to be non-asbestos by PLM analysis are routinely submitted to an accredited laboratory for analysis under TEM for verification of asbestos content. The use of TEM was not required during this limited survey because the PLM results were not 1% or less, not including non-detect.

## **2.2 Results**

Based on laboratory analysis of the samples collected in accordance with the survey methodology, the 1'x1' grey floor tile with specks and associated mastic adhesive, and the 1'x1' beige floor tile with specks and associated mastic adhesive located throughout the building were reported to contain asbestos with an asbestos content greater than one percent. Per EPA regulations, samples with an asbestos content of less than ten percent were analyzed utilizing PLM point counting techniques. Refer to Appendix A for the ACM sample log. Refer to Appendix D for a photographic log of the samples and Appendix E for sample location drawings. Refer to Appendix F for ACM laboratory results and laboratory certifications.

### **3.0 Paint Survey**

#### **3.1 Lead Based Paint Survey Methodology**

EDI collected paint chip samples for analysis of lead, cadmium, and chromium from the interior of Building 130H. Refer to Appendix B for lead sample logs. Refer to Appendix E for approximate locations of samples.

Paint samples were placed into clean unused sample containers marked with a unique sample identification number. For each sample, the identification number, brief material description, location, condition, and estimated quantity of representative paint was recorded on a bulk sample log sheet. Chain-of-Custody (COC) procedures were followed for the lead survey. These procedures provide a written tracking mechanism that lists the person responsible for the sample from collection to delivery to the laboratory. Sample identification numbers, sample locations, and material descriptions were recorded on the chain-of-custody forms. COC forms are provided in Appendix G.

#### **3.2 Results**

No LBP was detected in any of the paint chips sampled. The cadmium and chromium analysis were reported below laboratory detection limits. The samples were analyzed by laboratory method AAS. Laboratory results for the samples are included in Appendix G.

## **4.0 Hazardous Materials Survey**

### **4.1 Hazardous Materials Survey Methodology**

EDI performed a visual survey of Building 130H for other potential hazardous materials. Specific areas of concern include air conditioner units, polychlorinated byphenols (PCBs) fluorescent light ballasts, exit signs, potential mercury-containing devices, fire extinguishers, refrigerators and vending machines, and hazardous chemicals.

### **4.2 Results**

The 2<sup>nd</sup> floor mechanical room, contained drums of various chemicals that may be hazardous. There were two 55- gallon drums of cleaner and cool water treatment. There were also 5 gallon barrels of cleaners and Spectrus OX103. In mechanical rooms 147 and 247, air conditioning equipment was observed, that may contain freon. Pipe wraps in mechanical rooms 147 & 247 appeared to be fiberglass. The Hazardous Materials Table is provided in Appendix C. Photographs of hazardous materials identified are shown in Appendix D. Suspect hazardous materials should be removed, handled, and disposed of in accordance with applicable federal, state, and local regulations. The following hazards were not observed inside Building 130H: USTs, ASTs, or gas cylinders. However, the inspector did not have access to many rooms in the building. EDI recommends that tenant-stored materials requiring special handling and disposal, such as the air conditioning units, polychlorinated byphenols (PCBs) fluorescent light ballasts, exit signs, potential mercury-containing devices, fire extinguishers, refrigerators and vending machines, and hazardous chemicals be removed prior to renovation of the building.

## **5.0 Findings and Recommendations**

### **5.1 Asbestos Survey**

Asbestos was detected in the suspect building materials sampled from Building 130H. EPA regulation establishes that material with greater than one percent asbestos is considered regulated. Based on laboratory analysis of the samples collected in accordance with the survey methodology, the 1'x1' grey floor tile with specks and associated mastic adhesive, and the 1'x1' beige floor tile with specks and associated mastic adhesive located throughout the building were reported to contain asbestos with an asbestos content greater than one percent. Prior to any renovation to Building 130H, ACM that will be disturbed must be abated by a licensed contractor using licensed supervisors and workers. According to the AHERA Model Accreditation Plan, non-suspect material such as fiberglass, foam rubber, and plastics do not warrant sampling.

If the scope of work for renovation activities of the building change, the scope of work for the environmental survey should change accordingly.

### **5.2 Lead Survey**

The laboratory analysis reports that no LBP was detected in any of the suspect paint chips sampled from Building 130H. The chromium and cadmium results were also below laboratory detection limits. No abatement is recommended based on these results.

No environmental recommendations were made from EDI at this time. If the scope of work for scheduled repair and renovation activities of the building change, the scope of work for the environmental survey should change accordingly.

### **5.3 Hazardous Materials Survey**

Suspect hazardous materials should be removed, handled, and disposed of in accordance with applicable federal, state, and local regulations. EDI recommends that tenant-stored materials requiring special handling and disposal, such as the air conditioning units, polychlorinated biphenols (PCBs) fluorescent light ballasts, exit signs, potential mercury-containing devices, fire extinguishers, chemicals, refrigerators and vending machines, and hazardous chemicals be removed prior to renovation of the building.

## **6.0 Limitations**

This report is based solely on the scope of work provided and the assumptions identified in this limited survey. Any new information that becomes available concerning the subject site should be provided to EDI so that the evaluations, conclusions, and recommendations may be revised and modified accordingly. All materials tested are assumed homogeneous throughout the proposed renovation areas. EDI staff walked the site area to identify accessible areas to be included in the limited survey. Some rooms were locked and not all areas were accessible during the on site survey. Every attempt was made to thoroughly evaluate and assess the presence and condition of suspect asbestos and lead containing materials. EDI did perform destructive sampling practices; however, suspect materials may exist within inaccessible areas. Any suspect material identified during renovation that is not specifically listed herein should be thoroughly assessed, sampled, and analyzed prior to disturbance, in accordance with applicable regulatory standards.

The findings and conclusions in this report are not specific certainties; rather they are probabilities based on professional judgment concerning the significance of the data collected. EDI claims to represent only the specific findings documented herein and does not claim knowledge of conditions beyond the scope of the limited survey.

The asbestos and lead survey was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the environmental profession under similar conditions. No other warranty or guarantee, express or implied, is included or intended in this Report or otherwise.

This report is intended for the use of the client, subject to the terms and conditions of EDI's Scope of Services and Fees for Professional Services Agreement.

## 7.0 Definitions

The following definitions are intended to provide the reader with a better understanding of the terminology used in this report.

### **Asbestos**

The general name given to a number of naturally occurring hydrated mineral silicates that possess a unique crystalline structure, are incombustible in air, and are separable into fibers. Asbestos includes the asbesti-form varieties of chrysotile; crocidolite; amosite; anthophyllite; and actinolite.

### **Asbestos-Containing Material**

Asbestos containing materials (ACM) are materials that are found to contain greater than one percent by weight asbestos content as determined by polarized light microscopy (PLM) analysis.

### **Accessible Areas**

An accessible area of the building is any area that the survey team is permitted to inspect and that can be inspected without the disassembly of complicated mechanical or rigid structural components of the building. Examples of accessible areas of the building are interior floors, walls, ceilings, areas above suspended ceilings, return air shafts (normally), mechanical piping exteriors, and equipment exteriors, etc.

### **Damaged material**

A “damaged” material contains a few water stains or less than one-tenth of insulation with missing jackets and/or crushed insulation or water stains, gouges, punctures, or mars on surface up to one-tenth of the insulation if the damage is evenly distributed or up to one-quarter if the damage is localized.

### **Inaccessible Areas**

An inaccessible area is any area where inspection access is not permitted or requires a considerable amount of mechanical or structural disassembly to inspect. Inaccessible areas normally only investigated prior to renovation or demolition activities. Examples of inaccessible areas are pipe chases behind solid walls, mechanically encased insulation, crawlspaces or unsafe areas.

### **Friable Material**

A material, that when dry, may be crumbled, pulverized or reduced to powder by hand pressure is a friable material. Examples of friable materials include: pipe insulation, boiler or tank insulation, or sprayed-on fireproofing.

### **Homogeneous Area**

A homogeneous area is defined as a group of materials that is uniform in texture and appearance, was stalled at one time, and is likely to consist of more than one type or formation of material.

**Lead-Based Paint**

Paint or surface coatings that contain lead levels greater than or equal to 1.0 milligram per square centimeter, or more than 0.5% lead by weight.

**Non-friable Material**

A material, that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure. Non-friable materials may become friable through damage or deterioration. Examples of non-friable materials include: intact floor tile, transite building panels, or well maintained roofing materials.

**Significantly Damaged Material**

A “significantly damaged” material contains missing jackets on at least one-tenth of the piping or equipment and/or is crushed, heavily gouged, or punctured insulation on at least one-tenth of pipe runs/rises, boilers, tanks, ducts, etc., if the damage is evenly distributed or one-quarter of the damage is localized.

APPENDIX A: ASBESTOS SAMPLE TABLE

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Roof	Roof	Roof Field	HA1 -01	ND	PLM	NF	35,000 S.F.	Good
Roof	Roof	Roof Field	HA1 -02	ND	PLM	NF		Good
Roof	Roof	Roof Field	HA1 -03	ND	PLM	NF		Good
Roof	Roof	Roof Flashing	HA2-04	ND	PLM	NF	3,500 S.F.	Good
Roof	Roof	Roof Flashing	HA2-05	ND	PLM	NF		Good
Roof	Roof	Roof Flashing	HA2-06	ND	PLM	NF		Good
Roof	Roof	Black Caulk	HA3-07	ND	PLM	NF	3,500 S.F.	Good
Roof	Roof	Black Caulk	HA3-08	ND	PLM	NF		Good
Roof	Roof	Black Caulk	HA3-09	ND	PLM	NF		Good
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-10	ND	PLM	F	1000 L.F.	Good
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-11	ND	PLM	F		Good
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-12	ND	PLM	F		Good
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-13	ND	PLM	F		Good
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-14	ND	PLM	F		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
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Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Mech. Room 206A	3" pipe	3" Joint insulation	HA4-15	ND	PLM	F	1000 L.F.	Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-16	ND	PLM	F	1000 L.F.	Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-17	ND	PLM	F		Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-18	ND	PLM	F		Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-19	ND	PLM	F		Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-20	ND	PLM	F		Good
Mech. Room 206A	8" pipe	8" Joint insulation	HA5-21	ND	PLM	F		Good
Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-22	ND	PLM	F	18000 S.F.	Good
Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-23	ND	PLM	F		Good
Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-24	ND	PLM	F		Good
Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-25	ND	PLM	F		Good
<b>Results</b>	<b>Type</b>	<b>Test Method</b>			<b>Friability</b>		<b>Condition</b>	
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Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-26	ND	PLM	F	18000 S.F.	Good
Mech. Room 206A	Boiler breaching	Boiler breaching	HA6-27	ND	PLM	F		Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-28	ND	PLM	F	1000 L.F.	Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-29	ND	PLM	F		Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-30	ND	PLM	F		Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-31	ND	PLM	F		Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-32	ND	PLM	F		Good
Mech. Room 206A	10" pipe	10" Elbow insulation	HA7-33	ND	PLM	F		Good
Roof	Roof	Roof field	HA8-34	ND	PLM	NF	35000 S.F.	Good
Roof	Roof	Roof field	HA8-35	ND	PLM	NF		Good
Roof	Roof	Roof field	HA8-36	ND	PLM	NF		Good
Roof	Roof	Roof flashing	HA9-37	ND	PLM	NF	3500 S.F.	Good
Roof	Roof	Roof flashing	HA9-38	ND	PLM	NF		Good

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Roof	Roof	Roof flashing	HA9-39	ND	PLM	NF	3500 S.F.	Good
Roof	Roof	Roof caulk	HA10-40	ND	PLM	NF	3500 S.F.	Good
Roof	Roof	Roof caulk	HA10-41	ND	PLM	NF		Good
Roof	Roof	Roof caulk	HA10-42	ND	PLM	NF		Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor hallways	2 <sup>nd</sup> Floor (ring) hallway	2x2 White ceiling tile	HA11-43	ND	PLM	F	5000 S.F.	Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor hallways	2 <sup>nd</sup> Floor (ring) hallway	2x2 White ceiling tile	HA11-44	ND	PLM	F		Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor hallways	2 <sup>nd</sup> Floor (ring) hallway	2x2 White ceiling tile	HA11-45	ND	PLM	F		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
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Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Throughout building- except stairwells, 2nd floor north hallway, and outside of "ring" hallway on 1 <sup>st</sup> and 2 <sup>nd</sup> floor	2 <sup>nd</sup> Floor hallway	1x1 Grey floor tile w/ specks and black mastic	HA12-46	PC 6.3 CH PC 3.1 CH	PLM	NF	25,000 S.F.	Good
Throughout building- except stairwells, 2nd floor north hallway, and outside of "ring" hallway on 1 <sup>st</sup> and 2 <sup>nd</sup> floor	2 <sup>nd</sup> Floor hallway	1x1 Grey floor tile w/ specks and black mastic	HA12-47	PC 5.8 CH PC 3.7 CH	PLM	NF		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

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Throughout building- except stairwells, 2nd floor north hallway, and outside of “ring” hallway on 1 <sup>st</sup> and 2 <sup>nd</sup> floor	2 <sup>nd</sup> Floor hallway	1x1 Grey floor tile w/ specks and black mastic	HA12-48	PC 4.7 CH PC 3.3 CH	PLM	NF		Good
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of the “ring” and in all stairwells	2 <sup>nd</sup> floor hallway	1x1 Beige floor tile w/ specks and black mastic	HA13-49	PC 3.2 CH	PLM	NF	12,000 S.F	Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of "ring" and in all stairwells	2 <sup>nd</sup> floor hallway	1x1 Beige floor tile w/ specks and black mastic	HA13-50	PC 3.3 CH	PLM	NF		Good
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of "ring" and in all stairwells	2 <sup>nd</sup> floor hallway	1x1 Beige floor tile w/ specks and black mastic	HA13-51	PC 3.1	PLM	NF		Good
Throughout building-except stairwells	2 <sup>nd</sup> floor hallway	Baseboard-blue	HA14-52	ND	PLM	NF	10000 L.F.	Good
Throughout building-except stairwells	2 <sup>nd</sup> floor hallway	Baseboard-blue	HA14-53	ND	PLM	NF		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Throughout building- except stairwells	2 <sup>nd</sup> floor hallway	Baseboard-blue	HA14-54	ND	PLM	NF		Good
Room 204	Room 204	2x4 white ceiling tile, fissured	HA15-55	ND	PLM	F	20000 S.F.	Good
Room 204	Room 204	2x4 white ceiling tile, fissured	HA15-56	ND	PLM	F		Good
Room 204	Room 204	2x4 white ceiling tile, fissured	HA15-57	ND	PLM	F		Good
2 <sup>nd</sup> floor hallway-north of the "ring"	2 <sup>nd</sup> floor hallway	1x1 light grey floor tile w/ specks	HA16-58	ND	PLM	NF	6000 S.F.	Good
2 <sup>nd</sup> floor hallway-north	2 <sup>nd</sup> floor hallway	1x1 light grey floor tile w/ specks	HA16-59	ND	PLM	NF		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
2 <sup>nd</sup> floor hallway-north	2 <sup>nd</sup> floor hallway	1x1 light grey floor tile w/ specks	HA16-60	ND	PLM	NF		Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall	HA17-61	ND	PLM	NF	15000 S.F.	Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall	HA17-62	ND	PLM	NF		Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall	HA17-63	ND	PLM	NF	15000 S.F.	Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall joint compound	HA18-64	ND	PLM	NF	5000 L.F.	Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall joint compound	HA18-65	ND	PLM	NF		Good
Throughout 1 <sup>st</sup> and 2 <sup>nd</sup> floor halls and rooms	2 <sup>nd</sup> floor male bathroom	Drywall joint compound	HA18-66	ND	PLM	NF		Good
Throughout building windows	2 <sup>nd</sup> floor hallway window	Window caulk	HA19-67	ND	PLM	NF	3000 L.F.	Good
Throughout building windows	2 <sup>nd</sup> floor hallway window	Window caulk	HA19-68	ND	PLM	NF		Good
Throughout building windows	2 <sup>nd</sup> floor hallway window	Window caulk	HA19-69	ND	PLM	NF		Good
All stairwells	1 <sup>st</sup> floor-east stairwell	Brown stair tread	HA20-70	ND	PLM	NF	2000 S.F.	Good
All stairwells	1 <sup>st</sup> floor-east stairwell	Brown stair tread	HA20-71	ND	PLM	NF		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
All stairwells	1 <sup>st</sup> floor-east stairwell	Brown stair tread	HA20-72	ND	PLM	NF		Good
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of “ring” and in all stairwells	1 <sup>st</sup> floor southwest stairwell	1x1 Beige floor tile w/ specks	HA13-73	ND	PLM	NF	8000 S.F.	Good
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of “ring” and in all stairwells	1 <sup>st</sup> floor southwest stairwell	1x1 Beige floor tile w/ specks	HA13-74	ND	PLM	NF		Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
1 <sup>st</sup> and 2 <sup>nd</sup> floor hallway outside of "ring" and in all stairwells	1 <sup>st</sup> floor southwest stairwell	1x1 Beige floor tile w/ specks	HA13-75	ND	PLM	NF		Good
All stairwells	1 <sup>st</sup> floor southwest stairwell	Baseboard-beige	HA21-76	ND	PLM	NF	5000 L.F.	Good
All stairwells	1 <sup>st</sup> floor southwest stairwell	Baseboard-beige	HA21-77	ND	PLM	NF		Good
All stairwells	1 <sup>st</sup> floor southwest stairwell	Baseboard-beige	HA21-78	ND	PLM	NF	5000 L.F.	Good
Throughout building-except stairwells	1 <sup>st</sup> floor hallway	Baseboard-blue	HA14-79	ND	PLM	NF	10000 L.F.	Good

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Throughout building- except stairwells	1 <sup>st</sup> floor hallway	Baseboard-blue	HA14-80	ND	PLM	NF		Good
Throughout building- except stairwells	1 <sup>st</sup> floor hallway	Baseboard-blue	HA14-81	ND	PLM	NF		Good
<b>Throughout building- except stairwells, 2nd floor north hallway, and outside of “ring” hallway on 1<sup>st</sup> and 2<sup>nd</sup> floor</b>	<b>1<sup>st</sup> floor hallway</b>	<b>1x1 Grey floor tile w/ specks and black mastic</b>	<b>HA12-82</b>	<b>PC 1.4 CH PC 3.5 CH</b>	<b>PLM</b>	<b>NF</b>	<b>25,000 S.F.</b>	<b>Good</b>

<u>Results</u>	<u>Type</u>	<u>Test Method</u>	<u>Friability</u>	<u>Condition</u>
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy	F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II	Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area

## Asbestos Sample Summary Table

Building 130H  
Naval Station Great Lakes  
Great Lakes, Illinois

Location	Homogenous Area Description	Sampled Material Description	Sample ID	Results (% and type)	Test Method	Friability	Approx. Quantity Square feet (s.f) Linear feet (l.f.)	Condition
Throughout building- except stairwells, 2nd floor north hallway, and outside of "ring" hallway on 1 <sup>st</sup> and 2 <sup>nd</sup> floor	1 <sup>st</sup> floor hallway	1x1 Grey floor tile w/ specks and black mastic	HA12-83	PC 1.7 CH PC 3.2 CH	PLM	NF		Good
Throughout building- except stairwells, 2nd floor north hallway, and outside of "ring" hallway on 1 <sup>st</sup> and 2 <sup>nd</sup> floor	1 <sup>st</sup> floor hallway	1x1 Grey floor tile w/ specks and black mastic	HA12-84	PC 1.5 CH PC 3.7 CH	PLM	NF		Good
<b>Results</b>	<b>Type</b>	<b>Test Method</b>			<b>Friability</b>		<b>Condition</b>	
ND: Not Detected	AC: Actinolite AM: Amosite AN: anthophyllite CH: Chrysotile CR: Crocidilite TR: Tremolite	PLM: Polarized Light Microscopy PC: Point Count Method TEM: Transmission Electron Microscopy			F: Friable NF: Non- Friable Category I NF-II: Non-Friable Category II		Good: Little to no damage Damaged: Less than 10% damage of total surface area, or less than 25% damage in a localized area Significantly Damaged: Greater than 10% damage of total surface area, or greater than 25% damage in a localized area	

## APPENDIX B: LEAD SAMPLE TABLE

**Paint Sample Summary Table**  
 Building 130H  
 Naval Station Great Lakes  
 Great Lakes, Illinois

Location	Homogenous Area Description	Sample Material Description	Sample ID	Results (% by weight lead)	Results (% by weight chromium)	Results (% by weight cadmium)	Test Method	Approx. Quantity	Condition
Throughout building	2 <sup>nd</sup> floor hallway railing	Blue paint	PC 1	<0.0083%	<0.021%	<0.010%	AAS	25,000 S.F.	Good
All stairwells	2 <sup>nd</sup> floor north (ring) stairwell	Brown paint	PC 2	<0.0074 %	<0.018%	<0.0092%	AAS	15,000 S.F.	Good
Throughout building	2 <sup>nd</sup> floor hallway	White paint	PC 3	<0.0082%	<0.020%	<0.010%	AAS	15,000 S.F.	Good
Bathroom	2 <sup>nd</sup> floor male (ring) bathroom	Yellow paint	PC 4	<0.0090%	<0.022%	<0.011%	AAS	8,500 S.F.	Good

Analytical results performed by IATL by method AAS, % by weight lead.

## APPENDIX C: HAZARDOUS MATERIALS TABLE

## Hazardous Materials Log

### Great Lakes Naval Stations North Chicago, Illinois

#### Building 130H

Room Number/Name	Fluorescent Light Ballasts	Bottles of Chemicals	Drums of Chemicals	Fire Extinguishers	Thermostats	Electric Transformers	Refrigerators or Freezers	A/C Units	Additional Items
Mechanical room 206A	10		5	1	20				1 Exit sign; 1 oily rag drum
2nd Floor hallway	130			6	5				9 Vending Machines; 13 exit signs
Rm 204	8								1 Exit sign
Rm 202-200	30								1 Exit sign
Rm 222	9								1 oven
Rm 229	8						1		2 Vending Machines
Rm 228	10								
Rm 253	1	3							
1st Floor mechanical room	10					1		1	1 Exit sign
Auditorium	70			1			2		3 Exit signs
1st Floor hallway	150			5	3				13 Exit signs
Rm 101	36			1					
Rm 102	48			1					
Rm 100	8								
Rm 130	2								
Rm 131	20								1 Exit sign
<b>Totals</b>	<b>550</b>	<b>3</b>	<b>5</b>	<b>15</b>	<b>28</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>34 Exit signs; 1 oily rag drum; 11 Vending machines; 1 oven</b>

APPENDIX D: PHOTO LOGS

Naval Station Great Lakes  
Photolog of Building 130 H  
August 11, 2011  
Photographed by Alpana Chaudhary



HA 1: Roof; roof field



HA 2: Roof, roof flashing



HA 3: Roof, roof caulk



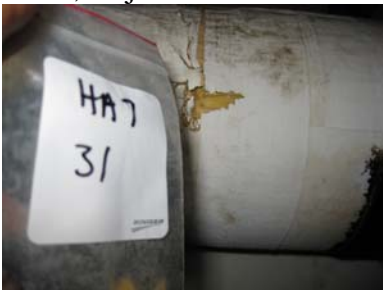
HA 4: Mechanical room  
206A, 3" joint insulation



HA 5: Mechanical Room,  
8" joint insulation



HA 6: Mechanical room,  
boiler breach



HA 7: Mechanical room  
206A, 10" elbow



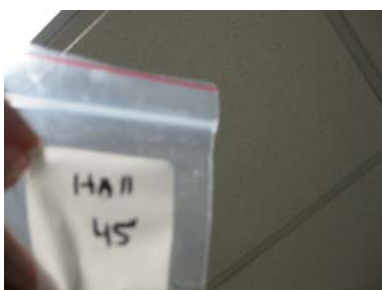
HA 8: Roof, roof field



HA 9: Roof, roof flashing



HA 10: Roof, roof caulk



HA 11: Throughout  
building, 2x2 white ceiling  
tiles



HA 12: Throughout  
building, 1x1 grey floor  
tile with specks

Naval Station Great Lakes  
 Photolog of Building 130 H  
 August 11, 2011  
 Photographed by Alpana Chaudhary



HA 13: Throughout building, 1x1 beige floor tile with blue specks  
 HA 14: Throughout building, blue mopboard  
 HA 15: Throughout building, 2x4 white lay-in ceiling tile fissured



HA 16: Throughout building, 1x1 light grey floor tile with blue specks  
 HA 17: Throughout building, drywall  
 HA 18: Throughout building, drywall joint compound



HA 19: Throughout building, window caulk  
 HA 20: Stairwells, brown stair tread  
 HA 21: 1<sup>st</sup> floor stairwell, beige mopboard

Naval Station Great Lakes  
Photolog of Building 130 H  
August 11, 2011  
Photographed by Alpana Chaudhary



PC 1: Throughout building,  
blue paint



PC 2: All stairwells, brown  
paint



PC 3: Throughout building,  
white paint



PC 4: 2<sup>nd</sup> Floor male  
bathroom, yellow paint

Naval Station Great Lakes  
Photolog of Building 130 H  
Hazardous Materials Survey  
August 11, 2011  
Photographed by Alpana Chaudhary



Photo 1: Room 206A, view of chemicals and fire extinguisher



Photo 2: Room 206A, view of oily rag drum



Photo 3: 2<sup>nd</sup> Floor (ring) hallway, view of vending machines



Photo 4: Room 206A, view of thermostats



Photo 5: Room 206A, view of hazardous chemical drum



Photo 6: 2<sup>nd</sup> floor hallway, view of exit sign and fire extinguisher



Photo 7: Room 206A, view of acid cabinet



Photo 8: Room 206A, view of chemicals



Photo 9: Room 229, view of vending machines

Naval Station Great Lakes  
Photolog of Building 130 H  
Hazardous Materials Survey  
August 11, 2011  
Photographed by Alpana Chaudhary



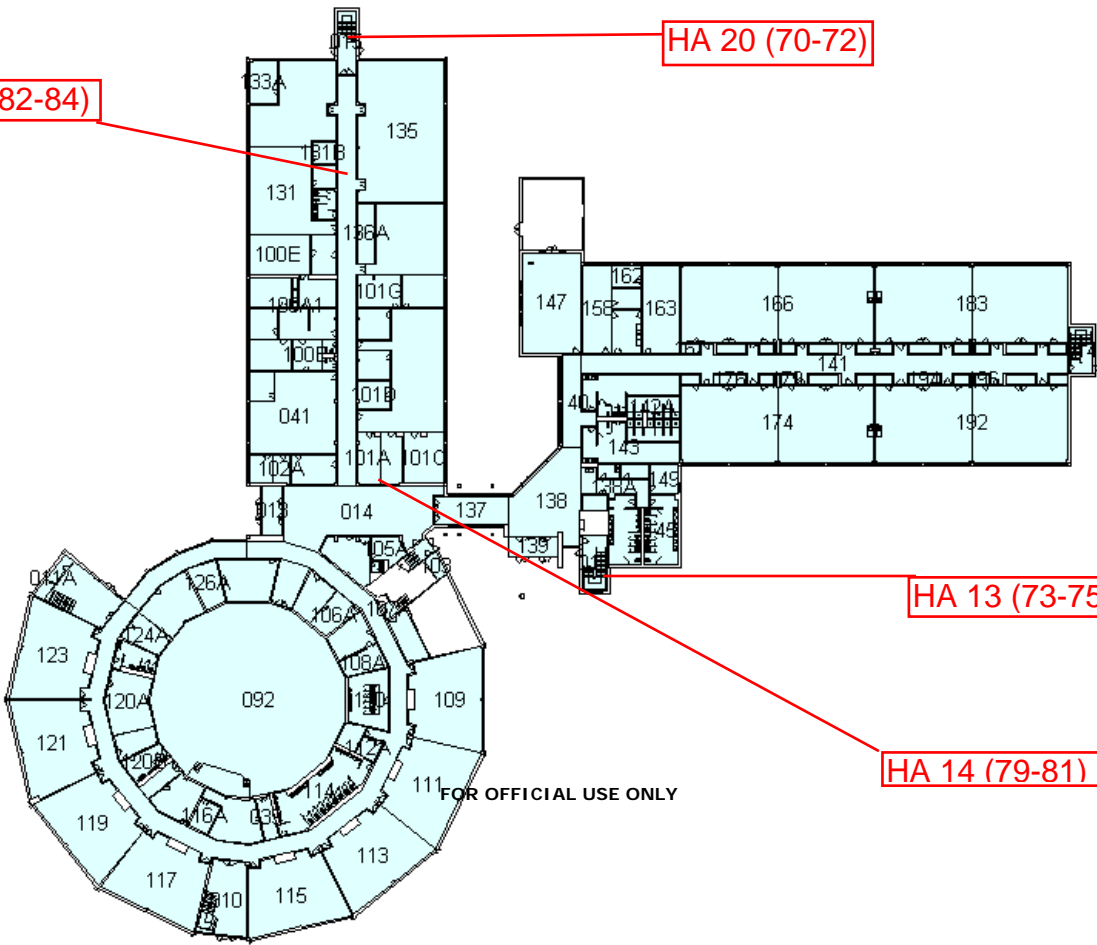
Photo 10: 1<sup>st</sup> Floor  
mechanical room, view of  
air conditioning units

Photo 11: Auditorium, view  
of refrigerators and an exit  
sign

APPENDIX E: SAMPLE LOCATION DRAWING

HA 12 (82-84)

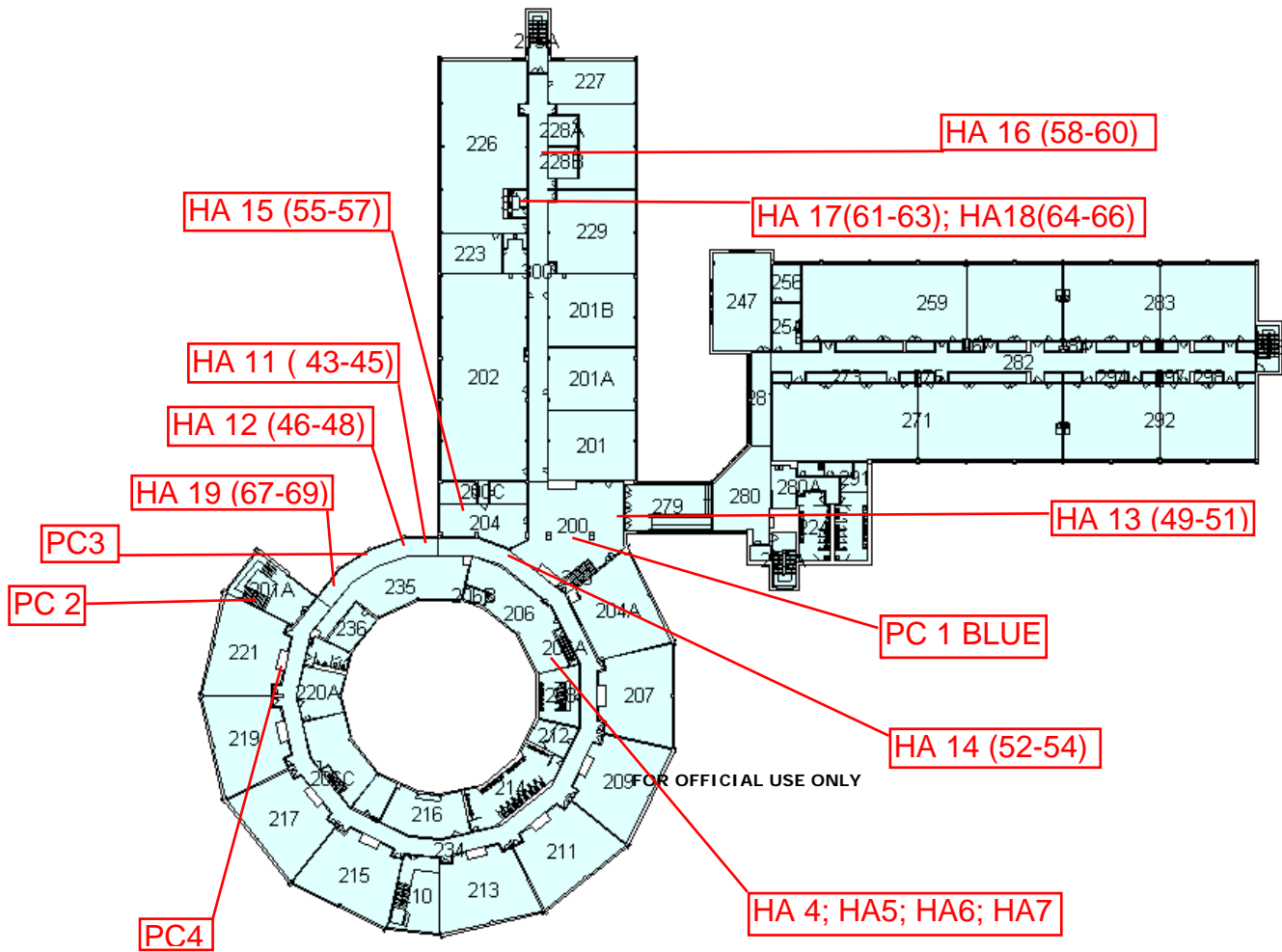
HA 20 (70-72)



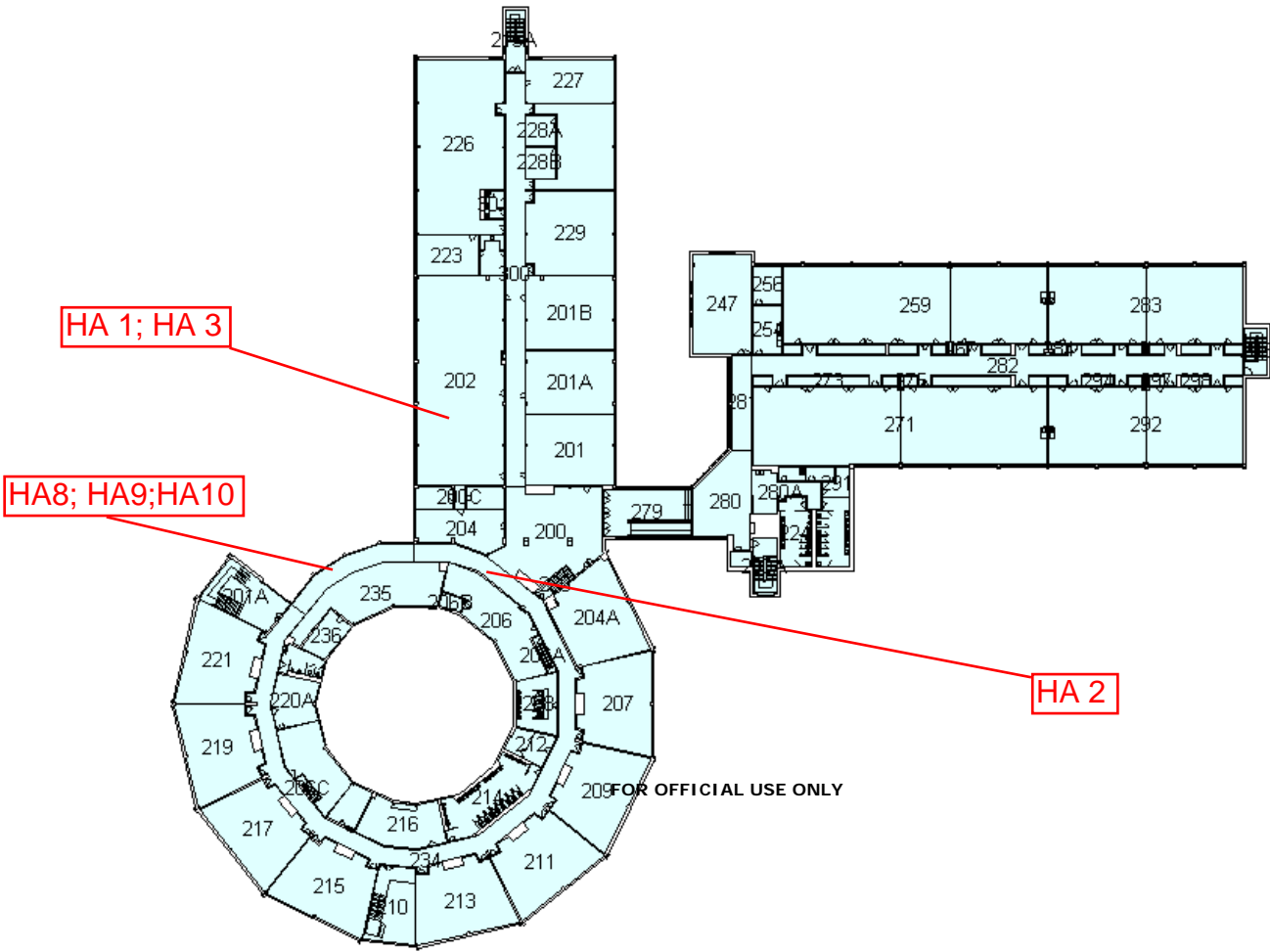
HA 13 (73-75); HA 21 (76-78)

HA 14 (79-81)

First Floor



Second Floor



ROOF

APPENDIX F: ASBESTOS LABORATORY RESULTS AND CERTIFICATIONS



9000 Commerce Parkway, Ste B  
 Mount Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397687	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA1-01	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	15	Fibrous Glass	85

<b>Lab No.:</b> 4397688	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA1-02	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	15	Fibrous Glass	85

<b>Lab No.:</b> 4397689	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA1-03	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	15	Fibrous Glass	85

<b>Lab No.:</b> 4397690	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA2-04	Roof Flashing			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Fibrous Glass	90

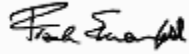
**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government  
 This report shall not be reproduced except in full, without written approval of the laboratory.*

**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:** T. Fisher

**Approved By:** 

**Date:** 8/17/2011

Frank E. Ehrenfeld, III  
 Laboratory Director



9000 Commerce Parkway, Ste B  
 Mount Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397691	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA2-05	Roof Flashing			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Fibrous Glass	90

<b>Lab No.:</b> 4397692	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA2-06	Roof Flashing			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Fibrous Glass	90

<b>Lab No.:</b> 4397693	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA3-07				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397694	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA3-08				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:** T. Fisher

**Date:** 8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International 33 W Monroe, Suite 1825 Chicago IL 60603	<b>Report Date:</b>	8/17/2011
		<b>Report No.:</b>	249777
		<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397695	<b>Description / Location:</b>	Black Roof Material	
<b>Client No.:</b>	HA3-09			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397696	<b>Description / Location:</b>	Off-White Joint Insulation; 3"	
<b>Client No.:</b>	HA4-10		Mech. Room 206A	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	30	Fibrous Glass	70

<b>Lab No.:</b>	4397697	<b>Description / Location:</b>	Off-White Joint Insulation; 3"	
<b>Client No.:</b>	HA4-11		Mech. Room 206A	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	30	Fibrous Glass	70

<b>Lab No.:</b>	4397698	<b>Description / Location:</b>	Off-White Joint Insulation; 3"	
<b>Client No.:</b>	HA4-12		Mech. Room 206A	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	30	Fibrous Glass	70

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International 33 W Monroe, Suite 1825 Chicago IL 60603	<b>Report Date:</b>	8/17/2011
		<b>Report No:</b>	249777
		<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397699	<b>Description / Location:</b>	Off-White Joint Insulation; 8" Mech. Room 206A	
<b>Client No.:</b>	HA5-16			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

<b>Lab No.:</b>	4397700	<b>Description / Location:</b>	Off-White Joint Insulation; 8" Mech. Room 206A	
<b>Client No.:</b>	HA5-17			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

<b>Lab No.:</b>	4397701	<b>Description / Location:</b>	Off-White Joint Insulation; 8" Mech. Room 206A	
<b>Client No.:</b>	HA5-18			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

<b>Lab No.:</b>	4397702	<b>Description / Location:</b>	Off-White Joint Insulation; 8" Mech. Room 206A	
<b>Client No.:</b>	HA5-19			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397703	<b>Description / Location:</b>	Off-White Joint Insulation; 8"	
<b>Client No.:</b>	HA5-20		Mech. Room 206A	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

<b>Lab No.:</b>	4397704	<b>Description / Location:</b>	Off-White Joint Insulation; 8"	
<b>Client No.:</b>	HA5-21		Mech. Room 206A	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	40	Fibrous Glass	60

<b>Lab No.:</b>	4397705	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-22		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397705	<b>Description / Location:</b>	White Wrap	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA6-22		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

<b>Accreditation</b>	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
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<b>Analytical Method:</b>	EPA 600/R-93/116
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**Analysis Performed By:**           T. Fisher          

**Date:**           8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397706	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-23		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397706	<b>Description / Location:</b>	White Wrap	
<b>Client No.:</b>	HA6-23		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

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<b>Lab No.:</b>	4397707	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-24		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397707	<b>Description / Location:</b>	White Wrap	
<b>Client No.:</b>	HA6-24		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

<b>Accreditation</b>	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
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<b>Analytical Method:</b>	EPA 600/R-93/116
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**Date:**           8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397708	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-25		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397708	<b>Description / Location:</b>	White Wrap	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA6-25		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

<b>Lab No.:</b>	4397709	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-26		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397709	<b>Description / Location:</b>	White Wrap	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA6-26		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397710	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA6-27		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Fibrous Glass	5

<b>Lab No.:</b>	4397710	<b>Description / Location:</b>	White Wrap	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA6-27		Mech. Room 206A/Boiler Breaching	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	95	Cellulose	5

<b>Lab No.:</b>	4397711	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA7-28		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	90	Fibrous Glass	10

<b>Lab No.:</b>	4397712	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA7-29		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	90	Fibrous Glass	10

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397713	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA7-30		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	90	Fibrous Glass	10

<b>Lab No.:</b>	4397714	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA7-31		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	90	Fibrous Glass	10

<b>Lab No.:</b>	4397715	<b>Description / Location:</b>	Off-White Insulation	
<b>Client No.:</b>	HA7-32		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	45	Fibrous Glass	55

<b>Lab No.:</b>	4397716	<b>Description / Location:</b>	Yellow Insulation	
<b>Client No.:</b>	HA7-33		Mech. Room 206A/10" Elbow	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	90	Fibrous Glass	10

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No.:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397717	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA8-34	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Fibrous Glass	80

<b>Lab No.:</b> 4397718	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA8-35	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Fibrous Glass	80

<b>Lab No.:</b> 4397719	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA8-36	Roof Field			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Fibrous Glass	80

<b>Lab No.:</b> 4397720	<b>Description / Location:</b> Black Roof Material			
<b>Client No.:</b> HA9-37	Roof Flashing			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Fibrous Glass	90

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:** T. Fisher

**Date:** 8/17/2011



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# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No.:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397721	<b>Description / Location:</b> Black Roof Material		
<b>Client No.:</b> HA9-38	Roof Flashing		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	10	Fibrous Glass
			90

<b>Lab No.:</b> 4397722	<b>Description / Location:</b> Black Roof Material		
<b>Client No.:</b> HA9-39	Roof Flashing		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	10	Fibrous Glass
			90

<b>Lab No.:</b> 4397723	<b>Description / Location:</b> Black Roof Material		
<b>Client No.:</b> HA10-40			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

<b>Lab No.:</b> 4397724	<b>Description / Location:</b> Black Roof Material		
<b>Client No.:</b> HA10-41			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

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**Analysis Performed By:** T. Fisher

**Date:** 8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International 33 W Monroe, Suite 1825 Chicago IL 60603	<b>Report Date:</b>	8/17/2011
		<b>Report No.:</b>	249777
		<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397725	<b>Description / Location:</b>	Black Roof Material	
<b>Client No.:</b>	HA10-42			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397726	<b>Description / Location:</b>	White Ceiling Tile; 2x2 Throughout Building	
<b>Client No.:</b>	HA11-43			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	80	Fibrous Glass	20

<b>Lab No.:</b>	4397727	<b>Description / Location:</b>	White Ceiling Tile; 2x2 Throughout Building	
<b>Client No.:</b>	HA11-44			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	80	Fibrous Glass	20

<b>Lab No.:</b>	4397728	<b>Description / Location:</b>	White Ceiling Tile; 2x2 Throughout Building	
<b>Client No.:</b>	HA11-45			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	80	Fibrous Glass	20

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**                T. Fisher          

**Date:**                8/17/2011



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<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397729	<b>Description / Location:</b>	Grey Floor Tile; 1x1
<b>Client No.:</b>	HA12-46		Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC 6.3	Chrysotile	None Detected	None Detected
			PC 93.7

<b>Lab No.:</b>	4397729	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA12-46		Throughout Building		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
PC 3.1	Chrysotile	None Detected	None Detected	PC 96.9	

<b>Lab No.:</b>	4397730	<b>Description / Location:</b>	Grey Floor Tile; 1x1
<b>Client No.:</b>	HA12-47		Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC 5.8	Chrysotile	None Detected	None Detected
			PC 94.2

<b>Lab No.:</b>	4397730	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA12-47		Throughout Building		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
PC 3.7	Chrysotile	None Detected	None Detected	PC 96.3	

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397731	<b>Description / Location:</b>	Grey Floor Tile; 1x1	
<b>Client No.:</b>	HA12-48		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 4.7	Chrysotile	None Detected	None Detected	PC 95.3

<b>Lab No.:</b>	4397731	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA12-48		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.3	Chrysotile	None Detected	None Detected	PC 96.7

<b>Lab No.:</b>	4397732	<b>Description / Location:</b>	Tan Floor Tile; 1x1	
<b>Client No.:</b>	HA13-49		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397732	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA13-49		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.2	Chrysotile	None Detected	None Detected	PC 96.8

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397733	<b>Description / Location:</b>	Tan Floor Tile; 1x1	
<b>Client No.:</b>	HA13-50		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397733	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA13-50		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.3	Chrysotile	None Detected	None Detected	PC 96.7

<b>Lab No.:</b>	4397734	<b>Description / Location:</b>	Tan Floor Tile; 1x1	
<b>Client No.:</b>	HA13-51		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397734	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA13-51		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.1	Chrysotile	None Detected	None Detected	PC 96.9

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

**Comments:**      (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397735	<b>Description / Location:</b>	Blue Cove Base	
<b>Client No.:</b>	HA14-52		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397735	<b>Description / Location:</b>	Off-White Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA14-52		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397736	<b>Description / Location:</b>	Blue Cove Base	
<b>Client No.:</b>	HA14-53		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397736	<b>Description / Location:</b>	Off-White Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA14-53		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Accreditation</b>	<b>NIST-NVLAP No. 101165-0</b>	<b>NY-DOH No. 11021</b>	<b>AIHA-LAP, LLC No. 100188</b>
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<b>Analytical Method:</b>	EPA 600/R-93/116
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**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

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**Date:**           8/17/2011



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	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397737	<b>Description / Location:</b>	Blue Cove Base
<b>Client No.:</b>	HA14-54		Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

<b>Lab No.:</b>	4397737	<b>Description / Location:</b>	Off-White Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA14-54		Throughout Building		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	None Detected	None Detected	100	

<b>Lab No.:</b>	4397738	<b>Description / Location:</b>	Off-White Ceiling Tile; 2x4
<b>Client No.:</b>	HA15-55		Room 204 Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	30	Cellulose
		60	Fibrous Glass

<b>Lab No.:</b>	4397739	<b>Description / Location:</b>	Off-White Ceiling Tile; 2x4
<b>Client No.:</b>	HA15-56		Room 204 Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	30	Cellulose
		60	Fibrous Glass

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397740	<b>Description / Location:</b>	Off-White Ceiling Tile; 2x4	
<b>Client No.:</b>	HA15-57		Room 204 Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	30	Cellulose	10
		60	Fibrous Glass	

<b>Lab No.:</b>	4397741	<b>Description / Location:</b>	Green Floor Tile; 1x1	
<b>Client No.:</b>	HA16-58		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397741	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA16-58		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**      T. Fisher

**Date:**      8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397742	<b>Description / Location:</b>	Green Floor Tile; 1x1	
<b>Client No.:</b>	HA16-59		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397742	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA16-59		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397743	<b>Description / Location:</b>	Green Floor Tile; 1x1	
<b>Client No.:</b>	HA16-60		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397743	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA16-60		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Accreditation</b>	<b>NIST-NVLAP No. 101165-0</b>	<b>NY-DOH No. 11021</b>	<b>AIHA-LAP, LLC No. 100188</b>
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<b>Analytical Method:</b>	EPA 600/R-93/116
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**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**           T. Fisher          

**Date:**           8/17/2011



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# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397744	<b>Description / Location:</b> White Sheetrock			
<b>Client No.:</b> HA17-61	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	5	Cellulose	95

<b>Lab No.:</b> 4397745	<b>Description / Location:</b> White Sheetrock			
<b>Client No.:</b> HA17-62	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	5	Cellulose	95

<b>Lab No.:</b> 4397746	<b>Description / Location:</b> White Sheetrock			
<b>Client No.:</b> HA17-63	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	5	Cellulose	95

<b>Lab No.:</b> 4397747	<b>Description / Location:</b> White Joint Compound			
<b>Client No.:</b> HA18-64	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:** T. Fisher

**Date:** 8/17/2011



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# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397748	<b>Description / Location:</b> White Joint Compound			
<b>Client No.:</b> HA18-65	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397749	<b>Description / Location:</b> White Joint Compound			
<b>Client No.:</b> HA18-66	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397750	<b>Description / Location:</b> Black Window Caulk			
<b>Client No.:</b> HA19-67	1st & 2nd Floors			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397751	<b>Description / Location:</b> Black Window Caulk			
<b>Client No.:</b> HA19-68	1st & 2nd Floors			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:** T. Fisher

**Date:** 8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397752	<b>Description / Location:</b>	Black Window Caulk	
<b>Client No.:</b>	HA19-69		1st & 2nd Floors	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397753	<b>Description / Location:</b>	Brown Stair Tread	
<b>Client No.:</b>	HA20-70		Stairwells	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397753	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA20-70		Stairwells		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	Trace	Cellulose	100	

<b>Lab No.:</b>	4397754	<b>Description / Location:</b>	Brown Stair Tread	
<b>Client No.:</b>	HA20-71		Stairwells	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Accreditation</b>	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
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<b>Analytical Method:</b>	EPA 600/R-93/116
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**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**           L. Solebello          

**Date:**           8/17/2011



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# CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/17/2011  
**Report No:** 249777  
**Project:** Building 130 H GLNS  
**Project No.:** 1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 4397755	<b>Description / Location:</b> Brown Stair Tread			
<b>Client No.:</b> HA20-72	Stairwells			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397756	<b>Description / Location:</b> Off-White/Tan Floor Tile; 1x1			
<b>Client No.:</b> HA13-72	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397757	<b>Description / Location:</b> Off-White/Tan Floor Tile; 1x1			
<b>Client No.:</b> HA13-74	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b> 4397758	<b>Description / Location:</b> Off-White/Tan Floor Tile; 1x1			
<b>Client No.:</b> HA13-75	Throughout Building			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:** EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**     L. Solebello    

**Date:**     8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397759	<b>Description / Location:</b>	Tan Cove Base	
<b>Client No.:</b>	HA21-76		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397759	<b>Description / Location:</b>	Lt.Tan Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA21-76		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397760	<b>Description / Location:</b>	Tan Cove Base	
<b>Client No.:</b>	HA21-77		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397760	<b>Description / Location:</b>	Lt.Tan Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA21-77		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Analysis Performed By:**                L. Solebello          

**Date:**                8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397761	<b>Description / Location:</b>	Tan Cove Base	
<b>Client No.:</b>	HA21-78		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397761	<b>Description / Location:</b>	Lt. Tan Mastic	
<b>Client No.:</b>	HA21-78		1st Floor Stairwell	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Layer No.: 2**

<b>Lab No.:</b>	4397762	<b>Description / Location:</b>	Blue Cove Base	
<b>Client No.:</b>	HA14-79		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397762	<b>Description / Location:</b>	White Mastic	
<b>Client No.:</b>	HA14-79		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Layer No.: 2**

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

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**Analysis Performed By:**                L. Solebello          

**Date:**                8/17/2011



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# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397763	<b>Description / Location:</b>	Blue Cove Base	
<b>Client No.:</b>	HA14-80		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397763	<b>Description / Location:</b>	White Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA14-80		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397764	<b>Description / Location:</b>	Blue Cove Base	
<b>Client No.:</b>	HA14-81		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Lab No.:</b>	4397764	<b>Description / Location:</b>	White Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA14-81		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

<b>Accreditation</b>	<b>NIST-NVLAP No. 101165-0</b>	<b>NY-DOH No. 11021</b>	<b>AIHA-LAP, LLC No. 100188</b>
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<b>Analytical Method:</b>	EPA 600/R-93/116
---------------------------	------------------

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**           L. Solebello          

**Date:**           8/17/2011



9000 Commerce Parkway, Ste B  
 Mount Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397765	<b>Description / Location:</b>	Grey Floor Tile; 1x1
<b>Client No.:</b>	HA12-82		Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC 1.4	Chrysotile	None Detected	None Detected
			PC 98.6

<b>Lab No.:</b>	4397765	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA12-82		Throughout Building		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
PC 3.5	Chrysotile	None Detected	None Detected	PC 96.5	

<b>Lab No.:</b>	4397766	<b>Description / Location:</b>	Grey Floor Tile; 1x1
<b>Client No.:</b>	HA12-83		Throughout Building
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC 1.7	Chrysotile	None Detected	None Detected
			PC 98.3

<b>Lab No.:</b>	4397766	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b>	2
<b>Client No.:</b>	HA12-83		Throughout Building		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
PC 3.2	Chrysotile	None Detected	None Detected	PC 96.8	

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**      L. Solebello

**Date:**      8/17/2011



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 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No.:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397767	<b>Description / Location:</b>	Grey Floor Tile; 1x1	
<b>Client No.:</b>	HA12-84		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 1.5	Chrysotile	None Detected	None Detected	PC 98.5

<b>Lab No.:</b>	4397767	<b>Description / Location:</b>	Black Mastic	<b>Layer No.:</b> 2
<b>Client No.:</b>	HA12-84		Throughout Building	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.7	Chrysotile	None Detected	None Detected	PC 96.3

<b>Lab No.:</b>	4397768	<b>Description / Location:</b>	Off-White/Yellow Insulation	
<b>Client No.:</b>	HA4-13		Additional Sample Received	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	5	Cellulose	55
		40	Fibrous Glass	

<b>Lab No.:</b>	4397769	<b>Description / Location:</b>	Off-White/Yellow Insulation	
<b>Client No.:</b>	HA4-14		Additional Sample Received	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	10	Cellulose	50
		40	Fibrous Glass	

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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 This report shall not be reproduced except in full, without written approval of the laboratory.*

**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**                L. Solebello          

**Date:**                8/17/2011



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 Mount Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

# CERTIFICATE OF ANALYSIS

<b>Client:</b>	Environ. Design International	<b>Report Date:</b>	8/17/2011
	33 W Monroe, Suite 1825	<b>Report No:</b>	249777
	Chicago IL 60603	<b>Project:</b>	Building 130 H GLNS
		<b>Project No.:</b>	1602.032

## BULK SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b>	4397770	<b>Description / Location:</b>	Off-White/Yellow Insulation	
<b>Client No.:</b>	HA4-15		Additional Sample Received	
<b>% Asbestos</b>	<b>Type</b>	<b>% Non-Asbestos Fibrous Material</b>	<b>Type</b>	<b>% Non-Fibrous Material</b>
None Detected	None Detected	10	Cellulose	65
		25	Fibrous Glass	

**Accreditation**      **NIST-NVLAP No. 101165-0**      **NY-DOH No. 11021**      **AIHA-LAP, LLC No. 100188**

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**Analytical Method:**      EPA 600/R-93/116

**Comments:** (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

**Analysis Performed By:**                L. Solebello          

**Date:**                8/17/2011



**Environmental Design International Inc.**

33 W. Monroe Street, Suite 1825  
Chicago, Illinois 60603  
Phone: 312-345-1400  
Fax: 312-345-0529

**CHAIN OF CUSTODY / ANALYSIS REQUEST FORM**

Offices also in:  
Columbus, Ohio  
Gary, Indiana  
Milwaukee, Wisconsin

(24)

**Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.**

1. Sender's Name/Project: No. Alpore Quarry 1402.032  
 2. Sampling Site Address/Contact Telephone No. 312 345 1400  
 3. Sampled by (Signature) [Signature] 4. # of Samples in Shipment 88  
 5. Date of Sample Shipment 8/12/2011 6. Date Results Needed 48 hour turnaround  
 7. Big Valley 130 H 61 NS / 33 west Monroe Chevy 11

Item No.	Sample Number	Sample Location/Description	Matrix							Method Preserved	Sampling Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	Indicate Analysis Requested	Laboratory Number	
			COMP	GRAB	WATER	SOIL	AIR	SLUDGE	OTHER									HCl
1	HA 1-01	Roof/Roof Field									8/11/11	3:00	43976887					
2	-02												43976888					
3	-03												43976889					
4	HA2-04	Roof/roof Flashing											43976900					
5	-05												43976911					
6	-06												43976922					
7	HA 3-07	roof/roof crack											43976933					
8	-08												43976944					
9	-09												43976955					
10	HA 4-10	Mech Roofs/ Joint insulation											43976966					

Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Total Hours: \_\_\_\_\_  
 Released by (Signature) \_\_\_\_\_ Date/Time Released \_\_\_\_\_ Delivery Method \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date/Time Released \_\_\_\_\_  
 Print Name: Alpore Quarry  
 Primary/Secondary/Other: \_\_\_\_\_  
 AUG 15 2011  
 To Archive/Disposal \_\_\_\_\_  
 IATL-BV \_\_\_\_\_  
 Laboratory Number: \_\_\_\_\_



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fax: 312 356 5499

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Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No. <i>Alyana Chaudhery</i> / 1602.032		2. Sampling Site Address/Contact Telephone No. Bldg 130 HCLNS		3. Sampled By (Signature) <i>[Signature]</i>		4. # of Samples in Shipment 86		5. Date of Sample Shipment 8/10/01		6. Date Results Needed 4th hour tomorrow		Indicate Analysis Requested						
Item No.	Sample Number	Sample Location/Description	COMP	GRAB	WATER	Matrix						Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	Laboratory Number	
						SOIL	AIR	SLUDGE	OTHER	HCl	HNO <sub>3</sub>							H <sub>2</sub> SO <sub>4</sub>
1	HA4-11	mech Roommate / Joint Insulation											8/11/01	1500	4397697			
2	-12														4397698			
3	HA5 16	mech Roommate / Joint Insulation													4397699			
4	-17														4397700			
5	-18														4397701			
6	-19														4397702			
7	-20														4397703			
8	-21														4397704			
9	HA1 22	mech Roommate / Boiler Breakdown													4397705			
10	23														4397706			
Time In:		Time Out:		Total Hours:		Signature:		Released by (Signature)		Date/Time Released		Print Name: Alyana Chaudhery		Company/Agency Affiliation		Condition Noted		
Released by (Signature)		Date/Time Released		Delivery Method		To Archive/Disposal												

Comments: \_\_\_\_\_  
 White—Owner/Customer Copy  
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1. Sender's Name/Project No. <i>Alperna Quarry / 1102.032</i>		2. Sampling Site Address/Contact Telephone No.		3. Sampled by (Signature) <i>[Signature]</i>		4. # of Samples in Shipment <i>55</i>		5. Date of Sample Shipment <i>8/2/2011</i>		6. Date Results Needed <i>48 hours to macroanal</i>		Indicate Analysis Requested											
Item No.	Sample Number	Sample Location/Description	COMP	GRAB	WATER	SOIL	AIR	SLUDGE	OTHER	HCl	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	ICE	NONE	OTHER	Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	Laboratory Number		
																						Matrix	Method Preserved
1	HAC - 24	MECH CORNSTOCK Boiler Breaching																					
2	- 25																						
3	- 26																						
4	- 27																						
5	HAT - 28	MECH CORNSTOCK 10" Elbow																					
6	- 29																						
7	- 30																						
8	- 31																						
9	- 32																						
10	- 33																						
Time In:		Time Out:		Total Hours:		Signature:		Released by (Signature)		Date/Time Released		Print Name: <i>Alperna Quarry</i>		Company/Agency Affiliation		Condition Noted							
Released by (Signature)		Date/Time Released		Delivery Method		Released by (Signature)		Date/Time Released		To Archive/Disposal													



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38 West Monroe Suite 1825 Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin
Offices also in:

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

Form with fields for Sender's Name/Project No., Sampling Site Address/Contact, Date of Sample Shipment, Date Results Needed, Item No., Sample Number, Sample Location/Description, Matrix, Method Preserved, Sampling Date/Time, Volume, Time (Minutes), # of Containers, Released by, Date/Time Released, Delivery Method, Total Hours, Signature, Print Name, Company/Affiliation, Condition Noted.

Comments:
White - Client/Customer Copy
Yellow - Billing Copy
Pink - In-house File Copy
Report Number:
Page 4 of 10





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fax: 312.356.5499

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Gary, Indiana  
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Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No. Alpine Chemicals / 1602.032		2. Sampling Site Address/Contact Telephone No. Bldg 130 H GLNS		3. Sampled By (Signature) <i>[Signature]</i>		4. # of Samples in Shipment 88		5. Date of Sample Shipment 8/12/2016		6. Date Results Needed 14 hr turnaround		Indicate Analysis Requested						
Item No.	Sample Number	Sample Location/Description	COMP	GRAB	Matrix							VOLUME (L)	TIME (Minutes)	# of Containers	Laboratory Number			
					WATER	SOIL	AIR	SLUDGE	OTHER	HCl	HNO3					H2SO4	ICM	NONE
1	HA 14 54	Throughput / mop board Building / mop board																
2	HA 15 55	Throughput / mop board Building / mop board																
3	56																	
4	57																	
5	HA 16 58	Throughput / Light Green 1x floor Building / KNO w/ blue spec																
6	59																	
7	60																	
8	HA 17 61	Throughput / Building																
9	62																	
10	63																	
Time In:		Time Out:		Total Hours:		Signature:		Date/Time Released		Print Name:		Company/Agency Affiliation		Condition Noted				
						<i>[Signature]</i>				Alpine Chemicals								
Released by (Signature)		Date/Time Released		Delivery Method		Released by (Signature)		To Archive/Disposal										

Comments: Write—Client/Customer Copy Yellow—Billing Copy Pink—In-House File Copy Report Number: Page 6 of 10



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 Suite 1025  
 Columbus, Ohio  
 Gary, Indiana  
 Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No. A-Penn Environmental / 1602.032		2. Sampling Site Address/Contact Telephone No. Bldg 13D # 6LNS		3. Sampled by (Signature) <i>[Signature]</i>		4. # of Samples in Shipment 826		5. Date of Sample Shipment 8/12/2011		6. Date Results Needed 9/8 hours turnaround		Indicate Analysis Requested					
Item No.	Sample Number	Sample Location/Description	COMP	GRAB	WATER	Matrix					Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	Laboratory Number	
						AIR	SLUDGE	OTHER	HCl	HNO <sub>3</sub>							H <sub>2</sub> SO <sub>4</sub>
1	HAK 69	Thermostat / Drywall Joint Buildings / Compound										8/11/11	1500	4397747			
2	65													4397748			
3	66													4397749			
4	HAK 67	Window / 1st & 2nd Corridor / Floors												4397750			
5	68													4397751			
6	69													4397752			
7	HA30 70	Brown Staircase / Stairwells												4397753			
8	71													4397754			
9	72													4397755			
10	HA13 73	1x1 Beige IT w/specs Traycase / Building												4397756			
Time In:		Time Out:		Total Hours:		Signature:		Print Name:		A-Penn Environmental		Company/Agency Affiliation:		Condition Noted:			
Released by (Signature)		Date/Time Released		Delivery Method		Released by (Signature)		Date/Time Released		To Archive/Disposal							





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33 West Monroe  
Suite 1424

Offices also in:  
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Gary, Indiana  
Milwaukee, Wisconsin

256/1710

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No. Alcona Chaudhary 11672-032		2. Sampling Site Address/Contact Telephone No. Bldg 120 H / 312-3415-1405		3. Sampled by (Signature) <i>[Signature]</i>		4. # of Samples in Shipment 86		5. Date of Sample Shipment 8/12/2011		6. Date Results Needed 48 hr/1st round		Indicate Analysts Requested				
Item No.	Sample Number	Sample Location/Description	COMP	GRAB	Matrix						Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	Laboratory Number
					WATER	SOIL	AIR	SLUDGE	OTHER	HCl						
1	HA 12 84	1st Entry Floor Elevator shafts through out building												4397767	1	PLM
2																
3	ADDITIONAL															
4	SAMPLES	RECEIVED - 58 8/15/11														
5																
6	HA 4-13	4397768														
7	HA 4-14	4397769														
8	HA 4-15	4397770														
9																
10																
Time In:		Time Out:		Total Hours:		Signature:		Date/Time Released		Print Name:		Company/Agency Affiliation		Condition Noted		
						<i>[Signature]</i>				Alcona Chaudhary						
Released by (Signature)		Date/Time Released		Delivery Method		Released by (Signature)		Date/Time Released		Company/Agency Affiliation		Condition Noted				
				To Archive/Disposal												



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**International Asbestos Testing Laboratories**

9000 Commerce Parkway

Suite B

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Mr. Frank E. Ehrenfeld, III

Phone: 856-231-9449 Fax: 856-231-9818

E-Mail: [frankehrenfeld@iatl.com](mailto:frankehrenfeld@iatl.com)

URL: <http://www.iatl.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 101165-0**

***NVLAP Code Designation / Description***

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2011-07-01 through 2012-06-30

*Effective dates*

*For the National Institute of Standards and Technology*



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**International Asbestos Testing Laboratories**

9000 Commerce Parkway

Suite B

Mt. Laurel, NJ 08054

Mr. Frank E. Ehrenfeld, III

Phone: 856-231-9449 Fax: 856-231-9818

E-Mail: [frankehrenfeld@iatl.com](mailto:frankehrenfeld@iatl.com)

URL: <http://www.iatl.com>

**AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)**

**NVLAP LAB CODE 101165-0**

***NVLAP Code      Designation / Description***

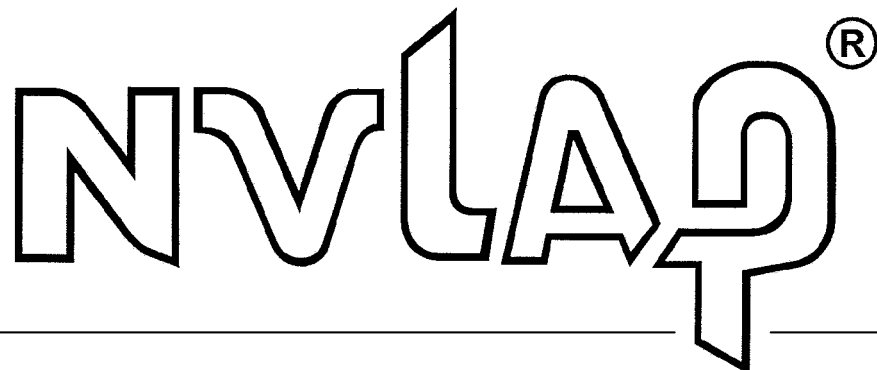
18/A02            U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

2011-07-01 through 2012-06-30

*Effective dates*

*For the National Institute of Standards and Technology*

United States Department of Commerce  
National Institute of Standards and Technology



---

**Certificate of Accreditation to ISO/IEC 17025:2005**

---

NVLAP LAB CODE: 101165-0

**International Asbestos Testing Laboratories**

Mt. Laurel, NJ

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

**BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
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).*

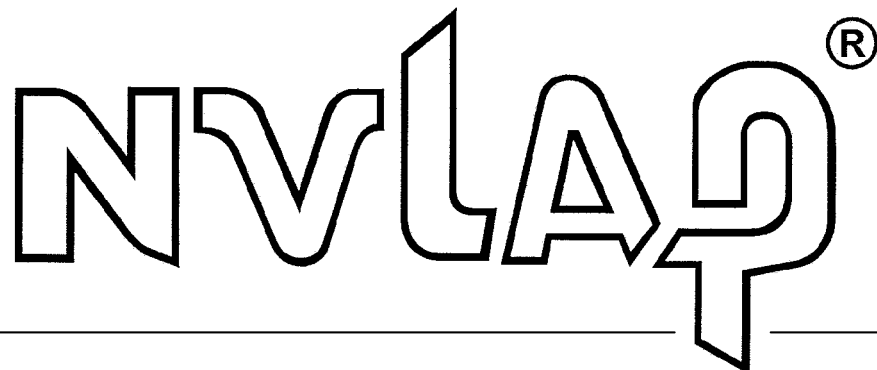
2011-07-01 through 2012-06-30

*Effective dates*



*Sally S. Bruce*  
For the National Institute of Standards and Technology

United States Department of Commerce  
National Institute of Standards and Technology



---

## Certificate of Accreditation to ISO/IEC 17025:2005

---

NVLAP LAB CODE: 101165-0

### International Asbestos Testing Laboratories

Mt. Laurel, NJ

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

### **AIRBORNE ASBESTOS FIBER ANALYSIS**

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

2011-07-01 through 2012-06-30

*Effective dates*



*Sally J. Bruce*  
\_\_\_\_\_  
*For the National Institute of Standards and Technology*

APPENDIX G: LEAD LABORATORY RESULTS AND CERTIFICATIONS

## CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
33 W Monroe, Suite 1825  
Chicago IL 60603

**Report Date:** 8/17/2011  
**Report Number:** 249755  
**Project:** Bldg 130 H GLNS  
**Project No.:** 1602.032

### LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Location / Description</u>	<u>Concentration Lead By Weight (%)</u>
4397580	PC1	Blue Paint Throughout Buildings	<0.0083
4397581	PC2	Brown Paint All Stairwells	<0.0074
4397582	PC3	White Paint Throughout Buildings	<0.0082
4397583	PC4	Yellow Paint Throughout Buildings	<0.0090

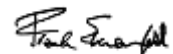
**Accreditations:** **NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)**  
AIHA-LAP, LLC No. 100188 NYSDOH-ELAP No. 11021

**Analytical Methods:** ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"  
 EPA SW846-(3050B:7000B) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

**Comments:** Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. IATL assumes that appropriate sampling methods have been used and the data upon which these results are based have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL= 0.010% by weight (based upon 100 mg sampled). \* Insufficient sample provided to perform QC reanalysis (<200 mg) \*\* Not enough sample provided to analyze (<50 mg) \*\*\* Matrix / substrate interference possible. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

**Date Received:** 8/15/2011  
**Date Analyzed:** 8/17/2011  
**Analyst:** C. Shaffer

**Approved By:**



Frank E. Ehrenfeld, III  
Laboratory Director



9000 Commerce Parkway Suite B  
 Mount. Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Local: 856-231-9449  
 Fax: 856-231-9818

## CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/18/2011  
**Report Number:** 0911001095  
**Project:** Bldg 130 H GLNS  
**Project No.:** 1602.032

### CHROMIUM PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Chromium Concentration (% By Weight)</u>
11-4397580	PC1	Blue Paint Throughout Buildings	< 0.021
11-4397581	PC2	Brown Paint All Stairwells	< 0.018
11-4397582	PC3	White Paint Throughout Buildings	< 0.020
11-4397583	PC4	Yellow Paint Throughout Buildings	< 0.022

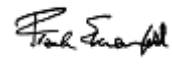
**Analysis Methods:** ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Chromium In Paint By Atomic Absorption Spectrophotometry"  
 EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Chromium In Soils, Sludges and Sediments By AAS"

**Comments:** Recommend multiple sampling for all samples less than regulatory limit for confirmation. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.50 ppm RL= 0.013% by weight (based upon 100 mg sampled). \* Insufficient sample provided to perform QC reanalysis (<200 mg) \*\* Not enough sample provided to analyze (<50 mg) \*\*\* Matrix /

**Date Received:** 8/15/2011

**Date Analyzed:** 8/18/2011

**Analyst:** C. Shaffer

**Approved By:** 

Frank E. Ehrenfeld, III  
 Laboratory Director



9000 Commerce Parkway, Suite B  
 Mt. Laurel, NJ 08054  
 Toll Free 877-428-4285  
 Telephone: 856-231-9449  
 Fax: 856-231-9818

## CERTIFICATE OF ANALYSIS

**Client:** Environ. Design International  
 33 W Monroe, Suite 1825  
 Chicago IL 60603

**Report Date:** 8/18/2011  
**Report Number:** 0911001099  
**Project:** Bldg 130 H GLNS  
**Project No.:** 1602.032

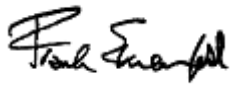
### CADMIUM PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Cadmium Concentration (% By Weight)</u>
114397580	PC1	Blue Paint Throughout Buildings	< 0.010
114397581	PC2	Brown Paint All Stairwells	< 0.0092
114397582	PC3	White Paint Throughout Buildings	< 0.010
114397583	PC4	Yellow Paint Throughout Buildings	< 0.011

**Analysis Methods:** ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Cadmium In Paint By Atomic Absorption Spectrophotometry"  
 EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Cadmium In Soils, Sludges and Sediments By AAS"

**Comments:** Recommend multiple sampling for all samples less than regulatory limit for confirmation. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.25 ppm RL= 0.013% by weight (based upon 100 mg sampled).  
 \* Insufficient sample provided to perform QC reanalysis (<200 mg) \*\* Not enough sample provided to analyze (<50 mg)  
 \*\*\* Matrix / substrate interference possible.

**Date Received:** 8/15/2011  
**Date Analyzed:** 8/18/2011  
**Analyst:** C. Shaffer

**Approved By:**   
 Laboratory Director



**CHAIN OF CUSTODY / ANALYSIS REQUEST FORM**

200 S. Michigan Ave., Suite 700 33 West Monroe  
 Chicago, Illinois 60604 Strike 1825  
 phone: 312.556.5400  
 fax: 312.556.5499



**Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.**

1. Sender's Name/Project No. <i>Alvina Orchardway / 1602.032</i>		2. Sampling Site Address/Contact Telephone No. <i>Blvd 130 &amp; GL NS / 312 845 1400</i>		Indicate Analysis Requested		Laboratory Number		
3. Sampled by (Signature) <i>[Signature]</i>		4. # of Samples in Shipment <i>88</i>		6. Date Results Needed <i>4th week of August</i>			Lead Analyte(s) (Pb)	
Item No.	Sample Number	Sample Location/Description	Matrix	Method Preserved	Sampling	# of Containers		TIME (Minutes)
			WATER	GRAB				
			SOIL					
			AIR					
			SLUDGE					
			OTHER					
			HCl					
			HNO3					
			H2SO4					
			ICE					
			NONE					
			OTHER					
			Date					
			Time					
1	PC 1	Blue paint / Through out Building						
2	PC 2	Brown paint / All stairs walls						
3	PC 3	White paint / Through out Building						
4	PC 4	Yellow paint / Through out Building						
5								
6								
7								
8								
9								
10								

Print Name: **DEFOIVE** Company/Agency: **DEFOIVE** Condition: **Unfired**

Released by (Signature): *[Signature]* Date/Time Released: **AUG 15 2011**

Released by (Signature): *[Signature]* Date/Time Released: **AUG 15 2011**

Signature: *[Signature]* Date/Time Released: **AUG 15 2011**

To Archive/Disposal: **IATL-BY**



April 28, 2011

Lab ID#: 100188

Frank Ehrenfeld  
International Asbestos Testing Laboratories (IATL)  
9000 Commerce Parkway, Suite B  
Mt. Laurel, NJ 08054

Dear Mr. Ehrenfeld:

AIHA Laboratory Accreditation Programs, (AIHA-LAP, LLC) has approved an extension to your laboratory's current certificate of accreditation in the Industrial Hygiene Laboratory Accreditation Program (IHLAP) and Environmental Lead Laboratory Accreditation Program (ELLAP). This extension will expire on July 01, 2011. Remember that your laboratory's proficiency rating in the PAT programs must be maintained for the new certificate to be issued.

Your laboratory remains an accredited laboratory in the IHLAP and ELLAP programs. Please keep a copy of this letter with your expired certificate. If you have questions or concerns, please feel free to contact Olena Bulgakova, Laboratory Accreditation Specialist at (703) 846-0792.

Sincerely,

A handwritten signature in cursive script that reads "Cheryl O. Morton".

Cheryl O. Morton  
Director, Affiliate Laboratory Programs

# AIHA

Laboratory Accreditation  
Programs, LLC

## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

International Asbestos Testing Laboratories (IATL)  
9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054

Laboratory ID: **100188**  
Issue Date: 05/01/2009

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

### Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 1/20/1997

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Airborne Dust	NIOSH 7082	
Paint	ASTM D3335-85a	
Settled Dust By Wipe	EPA SW-846 7420	
Soil	EPA SW-846 7420	

The laboratory participates in the following AIHA-LAP, LLC testing programs:

- ✓ Paint
- ✓ Soil
- ✓ Settled Dust by Wipe
- ✓ Airborne Dust

# AIHA

Laboratory Accreditation  
Programs, LLC

AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

## International Asbestos Testing Laboratories (IATL)

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054

Laboratory ID: 100188

has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC thereby, conforming to the ISO/IEC 17025:2005 international standard. *(General Requirements for the Competence of Testing and Calibration Laboratories)*  
The above named laboratory, along with all premises from which key activities are performed, as listed above, have been accredited by AIHA-LAP, LLC in the following:

### ACCREDITATION PROGRAMS

- |                                     |                            |                                   |
|-------------------------------------|----------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> | INDUSTRIAL HYGIENE         | Accreditation Expires: 05/01/2011 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL LEAD         | Accreditation Expires: 05/01/2011 |
| <input type="checkbox"/>            | ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires:            |
| <input type="checkbox"/>            | FOOD                       | Accreditation Expires:            |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with LQAP requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA website for the most current status of the scope of accreditation.

*Pamela A. Koske*

Pamela A. Koske, CH

Chairperson, Analytical Accreditation Board

Date Issued: 05/01/2009

## APPENDIX H: EDI EMPLOYEE LICENSES AND CERTIFICATIONS



**ASBESTOS  
PROFESSIONAL  
LICENSE**

ID NUMBER  
**100 - 00249**

ISSUED  
**2/8/2011**

EXPIRES  
**05/15/2012**

**JOHN C FEELY**  
9513 SOUTH LAWTON AVENUE  
OAK LAWN, IL 60453



Environmental Health



**LEAD RISK  
ASSESSOR LICENSE**

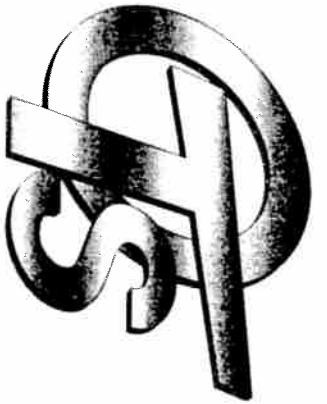
LEAD ID ISSUED  
**007573 1/6/2011**

EXPIRES  
**1/31/2012**

**John C Feely**  
9513 S. Lawton  
Oak Lawn, IL 60453



ILLINOIS LEAD PROGRAM  
Environmental Health



# Occupational Training & Supply, Inc.

7233 Adams Street • Willowbrook, IL 60527 • (630) 655-3900

**John Feely**

has successfully completed the 4 hour Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. This course is accredited by the Illinois Department of Public Health and the Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

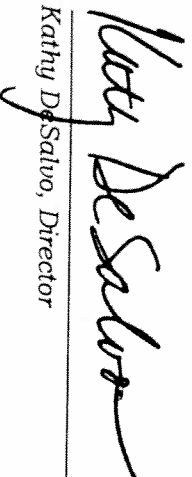
## Asbestos Building Inspector Refresher

Course Date: 1/7/2011

Expiration Date: 1/7/2012

Exam Date: 1/7/2011

Certificate: BIR1101070045

  
Kathy DeSalvo, Director

2011