



# HYGIENETECH

Hygiene Technologies International, Inc.

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July 20, 2014

California State Board of Equalization  
450 N Street  
Sacramento, California 94279

Document No. 21406001.1

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Surveys  
June 2014 Random Sampling

Dear Mr. Gau:

On June 4, 11, 19, and 23, 2014, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted limited fungal growth exposure assessment surveys involving 22 randomly selected areas located within the California State Board of Equalization (BOE) building. The findings of the surveys, along with the analytical data, conclusions, and recommendations when applicable, appear below.

On the survey dates, air samples were collected for total (viable and nonviable) fungi analyses using a Zefon brand Bio-Pump Plus™ equipped with Air-O-Cell™ cassettes. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The airborne fungi assessment analytical data with supporting and background information appear in the enclosed table.

As presented in Table 21406001-1, the airborne spore count data recorded showed fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Curvularia*, *Epicoccum*, *Oidum*, other brown, rusts, and/or smuts. In the indoor areas tested, the data showed that airborne fungal spores were either not detected at or above the laboratory detection limit indicated or were detected at low airborne concentrations. The fungal spore types found indoor included *Alternaria*, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Curvularia*, other brown, *Pithomyces*, rusts, and/or smuts. The distribution of fungal spore types detected in the surveyed areas was generally consistent with those found outdoors, and the overall data within the tested areas were well below the overall outdoor data recorded. These data are considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time these surveys were performed and at the precise sample locations

Mr. David Gau  
July 20, 2014  
Document No. 21406001.1 – June 2014 Random Sampling  
Page 2



indicated. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

**HYGIENE TECHNOLOGIES INTERNATIONAL, INC.**

A handwritten signature in black ink, appearing to read 'Kenny Hsi', is written over a solid horizontal line.

Kenny K. Hsi, CIH  
Technical Director

# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: California State Board of Equalization  
450 N Street  
Sacramento, California 94279

TABLE 21406001-1  
AIRBORNE TOTAL FUNGI RESULTS  
450 N STREET  
SACRAMENTO, CALIFORNIA  
JUNE 4, 11, 19, AND 23, 2014

Page 1

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM01OUT	21406001-1 TM02	21406001-1 TM03	21406001-1 TM04
<b>SAMPLING LOCATION/ACTIVITIES</b>	Outdoors; about 10 feet south of building; approximately five feet above ground/Normal outdoor activities	1 <sup>st</sup> Floor; Cafeteria; Café area; about one foot east of café counter at northern end; approximately five feet above floor/Sampling activities only	5 <sup>th</sup> Floor; Men's Restroom; about center; approximately five feet above floor/Normal restroom activities	10 <sup>th</sup> Floor; Column J18 area; about one foot northwest of Column J18; approximately five feet above floor/Normal office activities
<b>DATE</b>	06/04/14	06/04/14	06/04/14	06/04/14
<b>START/STOP</b>	16:03:00/16:08:00	16:13:00/16:18:00	16:21:00/16:26:00	16:29:00/16:34:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Ascospores	110			
Basidiospores	370	53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	93			
Cladosporium	3,400	320	110	
Curvularia		13		
Epicoccum				
Fusarium				
Nigrospora				
Oidium	27			
Other brown			13	
Other colorless				
Penicillium/Aspergillus types	53			
Pithomyces			13	
Rusts	27	13		
Smuts (Periconia, Myxomycetes)	3,400	110	27	
Stachybotrys				
Stemphylium				
Torula	27			
Ulocladium				
Hyphal fragments	110	27	13	13
Background debris*	3+	2+	2+	2+
<b>TOTAL **</b>	7,500	510	160	<13

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\*Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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Sacramento, California 94279

TABLE 21406001-1  
AIRBORNE TOTAL FUNGI RESULTS  
450 N STREET  
SACRAMENTO, CALIFORNIA  
JUNE 4, 11, 19, AND 23, 2014

Page 2

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM05	21406001-1 TM06	21406001-1 TM07	21406001-1 TM08OUT
<b>SAMPLING LOCATION/ACTIVITIES</b>	15 <sup>th</sup> Floor; Quiet Room 1510; entry area; approximately five feet above floor/Normal office activities	19 <sup>th</sup> Floor; southern corridor; about three feet south of freight elevator; approximately five feet above floor/Normal office activities	20 <sup>th</sup> Floor; Column J18 area; Cubicle 17; about center; approximately five feet above floor/Normal office activities	Outdoors; about 15 feet west of building; approximately five feet above ground/Normal outdoor activities
<b>DATE</b>	06/04/14	06/04/14	06/04/14	06/11/14
<b>START/STOP</b>	16:38:00/16:43:00	16:46:00/16:51:00	16:53:00/16:58:00	14:43:00/14:48:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		13		350
Ascospores				270
Basidiospores				1,700
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		160	53	11,000
Curvularia				13
Epicoccum				27
Fusarium				
Nigrospora				
Oidium				67
Other brown		13		13
Penicillium/Aspergillus types				53
Pithomyces				27
Rusts		53		
Smuts (Periconia, Myxomycetes)	53	120	13	200
Stachybotrys				
Stemphylium				
Torula				
Trichocladium				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	40	<13	210
Background debris*	2+	3+	2+	3+
<b>TOTAL**</b>	53	360	67	13,000

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\*Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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JUNE 4, 11, 19, AND 23, 2014

Page 3

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM09	21406001-1 TM10	21406001-1 TM11	21406001-1 TM12
<b>SAMPLING LOCATION/ACTIVITIES</b>	6 <sup>th</sup> Floor; Break Room 617; about center; approximately five feet above floor/Normal office activities	9 <sup>th</sup> Floor; Break Room 910; about center; approximately five feet above floor/Normal office activities	14 <sup>th</sup> Floor; Column L22 area; about 10 feet southwest of Column L22; approximately five feet above floor/Normal office activities	18 <sup>th</sup> Floor; southern corridor at western end; approximately five feet above floor/Normal office activities
<b>DATE</b>	06/11/14	06/11/14	06/11/14	06/11/14
<b>START/STOP</b>	14:55:00/15:00:00	15:03:00/15:08:00	15:11:00/15:16:00	15:23:00/15:28:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Arthrinium				
Ascospores				
Basidiospores	53	53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53			53
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown	13			
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	13		13	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	27	13
Background debris*	2+	2+	2+	2+
<b>TOTAL**</b>	150	53	13	53

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SACRAMENTO, CALIFORNIA  
JUNE 4, 11, 19, AND 23, 2014

Page 4

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM13	21406001-1 TM14OUT	21406001-1 TM15	21406001-1 TM16
<b>SAMPLING LOCATION/ACTIVITIES</b>	21 <sup>st</sup> Floor; Mail Room 21B; about center; approximately five feet above floor/Normal office activities	Outdoors; about 10 feet south of building; approximately five feet above ground/Normal outdoor activities	3 <sup>rd</sup> Floor; Room 327; about five feet north of Column K22; approximately five feet above floor/Normal office activities	7 <sup>th</sup> Floor; about three feet south of freight elevator; approximately five feet above floor/Normal office activities
<b>DATE</b>	06/11/14	06/19/14	06/19/14	06/19/14
<b>START/STOP</b>	15:31:00/15:36:00	09:46:00/09:51:00	09:56:00/10:01:00	10:06:00/10:11:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		13	13	
Ascospores		53		
Basidiospores		270		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium		13		
Cladosporium		1,400	110	
Curvularia				
Epicoccum				
Nigrospora				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types		53		
Pithomyces				
Rusts	13	13		13
Smuts (Periconia, Myxomycetes)		27	13	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	40	13	13
Background debris*	2+	2+	2+	2+
<b>TOTAL**</b>	13	1,900	130	13

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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Sacramento, California 94279

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JUNE 4, 11, 19, AND 23, 2014

Page 5

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM17	21406001-1 TM18	21406001-1 TM19	21406001-1 TM20OUT
<b>SAMPLING LOCATION/ACTIVITIES</b>	17 <sup>th</sup> Floor; Break Room 1710; about center; approximately five feet above floor/Normal office activities	22 <sup>nd</sup> Floor; Column N19 area; about 15 feet southeast of Column N19; approximately five feet above floor/Normal building activities	24 <sup>th</sup> Floor; Break Room 2402; about center; approximately five feet above floor/Normal office activities	Outdoors; about 15 feet east of building; approximately five feet above ground/Normal outdoor activities
<b>DATE</b>	06/19/14	06/19/14	06/19/14	06/23/14
<b>START/STOP</b>	10:13:00/10:18:00	10:28:00/10:33:00	10:37:00/10:42:00	09:44:00/09:49:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				110
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				27
Cladosporium	110			640
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts	13		13	27
Smuts (Periconia, Myxomycetes)	13		13	210
Stemphylium				
Stachybotrys				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13	13	93
Background debris*	2+	2+	2+	3+
<b>TOTAL**</b>	130	<13	27	1,000

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JUNE 4, 11, 19, AND 23, 2014

Page 6

## Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)

SAMPLE NUMBER	21406001-1 TM21	21406001-1 TM22	21406001-1 TM23	21406001-1 TM24
<b>SAMPLING LOCATION/ACTIVITIES</b>	2 <sup>nd</sup> Floor; southeastern stairwell area; approximately five feet above floor/Normal office activities	4 <sup>th</sup> Floor; Mail Center Room 4B; about center; approximately five feet above floor/Normal office activities	8 <sup>th</sup> Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	11 <sup>th</sup> Floor; Column J18; Cubicle 001; southeastern corner; approximately feet above floor/Normal office activities
<b>DATE</b>	06/23/14	06/23/14	06/23/14	06/23/14
<b>START/STOP</b>	09:52:00/09:57:00	10:00:00/10:05:00	10:07:00/10:12:00	10:17:00/10:22:00
<b>SAMPLE TIME</b>	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores	53			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum			13	
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	53			
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	13	13		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	2+	1+	2+	1+
<b>TOTAL**</b>	120	13	13	<13

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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SACRAMENTO, CALIFORNIA  
JUNE 4, 11, 19, AND 23, 2014

Page 7

SAMPLE NUMBER	21406001-1 TM25	21406001-1 TM26		
<b>SAMPLING LOCATION/ACTIVITIES</b>	16 <sup>th</sup> Floor; Break Room 1616; about center; approximately five feet above floor/Normal office activities	23 <sup>rd</sup> Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	This column intentionally left blank	This column intentionally left blank
<b>DATE</b>	06/23/14	06/23/14		
<b>START/STOP</b>	10:28:00/10:33:00	10:37:00/10:42:00		
<b>SAMPLE TIME</b>	5 minutes	5 minutes		
Alternaria				
Ascospores		53		
Basidiospores	53			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Helicoma				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	40	13		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13		
Background debris*	2+	2+		
<b>TOTAL**</b>	93	67		

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Report for:

**Mr. Kenny Hsi, Mr. Lakhpreet Sandhu**  
**Hygiene Technologies International, Inc.**  
3625 Del Amo Boulevard, Suite 180  
Torrance, CA 90503-8370

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Regarding: Project: 21406001-1  
EML ID: 1217374

Approved by:

Technical Manager  
Melissa Tracey

Dates of Analysis:  
Spore trap analysis: 06-06-2014

Service SOPs: Spore trap analysis (1038)  
AIHA-LAP, LLC accredited service, Lab ID #179768

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-04-2014  
Date of Receipt: 06-05-2014  
Date of Report: 06-06-2014

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM01 OUT		21406001-1 TM02		21406001-1 TM03		21406001-1 TM04	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	5533953-1		5533954-1		5533955-1		5533956-1	
Analysis Date:	06/06/2014		06/06/2014		06/06/2014		06/06/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Ascospores	2	110						
Basidiospores	7	370	1	53				
Chaetomium	7	93						
Cladosporium	63	3,400	6	320	2	110		
Curvularia			1	13				
Myrothecium								
Nigrospora								
Oidium	2	27						
Other brown					1	13		
Other colorless								
Penicillium/Aspergillus types†	1	53						
Pithomyces					1	13		
Rusts	2	27	1	13				
Smuts, Periconia, Myxomycetes	256	3,400	8	110	2	27		
Stachybotrys								
Stemphylium								
Torula	2	27						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	110		27		13		13	
Pollen/m3	120		27		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>7,500</b>		<b>510</b>		<b>160</b>		<b>&lt; 13</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1Date of Sampling: 06-04-2014  
Date of Receipt: 06-05-2014  
Date of Report: 06-06-2014**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM05		21406001-1 TM06		21406001-1 TM07	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5533957-1		5533958-1		5533959-1	
Analysis Date:	06/06/2014		06/06/2014		06/06/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13		
Ascospores						
Basidiospores						
Chaetomium						
Cladosporium			3	160	1	53
Curvularia						
Fusarium						
Myrothecium						
Nigrospora						
Oidium						
Other brown			1	13		
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts			4	53		
Smuts, Periconia, Myxomycetes	4	53	9	120	1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		3+		2+	
Hyphal fragments/m3	< 13		40		< 13	
Pollen/m3	< 13		27		< 13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>53</b>		<b>360</b>		<b>67</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-04-2014  
Date of Receipt: 06-05-2014  
Date of Report: 06-06-2014

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 21406001-1 TM01 OUT**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in California† (n‡=16821)						Typical Outdoor Data for: The entire year in California† (n‡=200710)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
<b>Generally able to grow indoors*</b>													
Alternaria	13	13	13	27	67	110	64	13	13	27	67	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	12	7	13	13	27	40	12
Chaetomium	93	7	13	13	27	40	24	8	13	13	27	47	19
Cladosporium	3,400	130	210	590	1,400	2,200	98	110	210	610	1,600	2,800	97
Curvularia	-	7	13	13	27	40	4	7	13	13	27	53	6
Nigrospora	-	7	10	13	13	27	4	7	13	13	27	53	8
Other brown	-	13	13	13	40	53	36	13	13	13	40	53	34
Penicillium/Aspergillus types	53	53	53	190	480	750	82	53	100	210	590	1,000	84
Pithomyces	-	7	13	13	27	53	4	7	13	13	27	53	4
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Torula	27	10	13	13	40	67	19	8	13	13	40	67	12
<b>Seldom found growing indoors**</b>													
Ascospores	110	13	40	96	240	430	70	25	53	110	360	690	71
Basidiospores	370	40	53	160	480	910	91	53	80	260	990	2,300	93
Oidium	27	13	13	19	50	80	28	13	13	13	44	75	19
Rusts	27	13	13	27	53	100	38	13	13	13	53	80	26
Smuts, Periconia, Myxomycetes	3,400	13	27	58	170	320	80	13	13	40	110	210	68
<b>§ TOTAL SPORES/m3</b>	<b>7,500</b>												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 21406001-1 TM01 OUT:**

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				13	7 - 33 - 590	45
Ascospores				110	13 - 210 - 5,700	76
Basidiospores				370	19 - 450 - 24,000	92
Chaetomium				93	7 - 13 - 160	9
Cladosporium				3,400	27 - 480 - 10,000	90
Oidium				27	7 - 13 - 230	11
Penicillium/Aspergillus types				53	13 - 170 - 2,700	68
Rusts				27	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				3,400	7 - 53 - 930	64
Torula				27	7 - 13 - 190	9
<b>Total</b>				<b>7,500</b>		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 21406001-1 TM02**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 6%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.5333	dF: 11 Result: 0.5614 Critical value: 0.5273 Outside Similar: Yes	Score: 106 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Basidiospores				53
	Cladosporium				320
	Curvularia				13
	Rusts				13
	Smuts, Periconia, Myxomycetes				110
	<b>Total</b>				<b>510</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM03

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 2%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2857	dF: 12 Result: 0.2990 Critical value: 0.4965 Outside Similar: No	Score: 110 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					110
Other brown					13
Pithomyces					13
Smuts, Periconia, Myxomycetes					27
<b>Total</b>					160

**Location:** 21406001-1 TM04

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
<b>None Detected</b>					< 13

**Location:** 21406001-1 TM05

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6212 Critical value: 0.5515 Outside Similar: Yes	Score: 106 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Smuts, Periconia, Myxomycetes					53
<b>Total</b>					53

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 4%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.5333	dF: 11 Result: 0.2386 Critical value: 0.5273 Outside Similar: No	Score: 110 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Cladosporium					160
Other brown					13
Rusts					53
Smuts, Periconia, Myxomycetes					120
<b>Total</b>					360

**Location:** 21406001-1 TM07

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.8929 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7545 Critical value: 0.5515 Outside Similar: Yes	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					53
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					67

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-04-2014  
Date of Receipt: 06-05-2014  
Date of Report: 06-06-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 21406001-1 TM01 OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					7	93
Cladosporium					63	3,400
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					1	53
Stachybotrys					ND	< 13
Torula					2	27
<b>Seldom found growing indoors**</b>						
Ascospores					2	110
Basidiospores					7	370
Oidium					2	27
Rusts					2	27
Smuts, Periconia, Myxomycetes					256	3,400
<b>Total</b>						<b>7,493</b>

**Location:** 21406001-1 TM02

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					6	320
Curvularia					1	13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					ND	< 13
Basidiospores					1	53
Rusts					1	13
Smuts, Periconia, Myxomycetes					8	110
<b>Total</b>						<b>507</b>

MoldSCORE‡			
100	200	300	Score
			100
			100
			100
			106
			105
			100
			100
			100
			100
			100
			103
			104
			100
<b>Final MoldSCORE</b>			<b>106</b>

Client: Hygiene Technologies International, Inc.  
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 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM03

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡		
	<100	1K	10K	>100K			100	200	300
<b>Generally able to grow indoors*</b>									
Alternaria					ND	< 13	█		100
Bipolaris/Drechslera group					ND	< 13	█		100
Chaetomium					ND	< 13	█		100
Cladosporium	█				2	110	█		102
Curvularia					ND	< 13	█		100
Nigrospora					ND	< 13	█		100
Other brown	█				1	13	█		105
Penicillium/Aspergillus types†					ND	< 13	█		100
Pithomyces	█				1	13	█		105
Stachybotrys					ND	< 13	█		100
Torula					ND	< 13	█		100
<b>Seldom found growing indoors**</b>									
Ascospores					ND	< 13	█		100
Basidiospores					ND	< 13	█		100
Rusts					ND	< 13	█		100
Smuts, Periconia, Myxomycetes	█				2	27	█		100
<b>Total</b>						<b>160</b>			<b>Final MoldSCORE 110</b>

**Location:** 21406001-1 TM04

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡		
	<100	1K	10K	>100K			100	200	300
<b>Generally able to grow indoors*</b>									
Alternaria					ND	< 13	█		100
Bipolaris/Drechslera group					ND	< 13	█		100
Chaetomium					ND	< 13	█		100
Cladosporium					ND	< 13	█		100
Curvularia					ND	< 13	█		100
Nigrospora					ND	< 13	█		100
Penicillium/Aspergillus types†					ND	< 13	█		100
Stachybotrys					ND	< 13	█		100
Torula					ND	< 13	█		100
<b>Seldom found growing indoors**</b>									
Ascospores					ND	< 13	█		100
Basidiospores					ND	< 13	█		100
Rusts					ND	< 13	█		100
Smuts, Periconia, Myxomycetes					ND	< 13	█		100
<b>Total</b>						<b>N/A</b>			<b>Final MoldSCORE 100</b>

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 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM05

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					4	53				106
<b>Total</b>						<b>53</b>				<b>Final MoldSCORE 106</b>

**Location:** 21406001-1 TM06

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					1	13				105
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					3	160				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Other brown					1	13				105
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					4	53				121
Smuts, Periconia, Myxomycetes					9	120				100
<b>Total</b>						<b>360</b>				<b>Final MoldSCORE 110</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-04-2014  
 Date of Receipt: 06-05-2014  
 Date of Report: 06-06-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM07

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium	█				1	53	█			101
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes	█				1	13	█			100
<b>Total</b>						<b>67</b>	<b>Final MoldSCORE 101</b>			

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



Report for:

**Mr. Kenny Hsi, Mr. Lakhpreet Sandhu**  
**Hygiene Technologies International, Inc.**  
3625 Del Amo Boulevard, Suite 180  
Torrance, CA 90503-8370

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Regarding: Project: 21406001-1  
EML ID: 1220490

Approved by:

Technical Manager  
Melissa Tracey

Dates of Analysis:  
Spore trap analysis: 06-13-2014

Service SOPs: Spore trap analysis (1038)  
AIHA-LAP, LLC accredited service, Lab ID #179768

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1Date of Sampling: 06-11-2014  
Date of Receipt: 06-12-2014  
Date of Report: 06-13-2014**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM08OUT		21406001-1 TM09		21406001-1 TM10	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5551226-1		5551227-1		5551228-1	
Analysis Date:	06/13/2014		06/13/2014		06/13/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	26	350	1	13		
Ascospores	5	270				
Basidiospores	32	1,700	1	53	1	53
Chaetomium						
Cladosporium	201	11,000	1	53		
Curvularia	1	13				
Epicoccum	2	27				
Fusarium						
Myrothecium						
Nigrospora						
Oidium	5	67				
Other brown	1	13	1	13		
Other colorless						
Penicillium/Aspergillus types†	1	53				
Pithomyces	2	27				
Rusts						
Smuts, Periconia, Myxomycetes	15	200	1	13		
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		2+		2+	
Hyphal fragments/m3	210		< 13		< 13	
Pollen/m3	230		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>13.000</b>		<b>150</b>		<b>53</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM11		21406001-1 TM12		21406001-1 TM13	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5551229-1		5551230-1		5551231-1	
Analysis Date:	06/13/2014		06/13/2014		06/13/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Chaetomium						
Cladosporium			1	53		
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Oidium						
Other brown						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts					1	13
Smuts, Periconia, Myxomycetes	1	13				
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	27		13		< 13	
Pollen/m3	< 13		13		< 13	
Skin cells (1-4+)	1+		1+		2+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>13</b>		<b>53</b>		<b>13</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.  
 ‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-11-2014  
Date of Receipt: 06-12-2014  
Date of Report: 06-13-2014

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 21406001-1 TM08OUT**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in California† (n‡=16821)						Typical Outdoor Data for: The entire year in California† (n‡=200710)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
<b>Generally able to grow indoors*</b>													
Alternaria	350	13	13	27	67	110	64	13	13	27	67	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	12	7	13	13	27	40	12
Chaetomium	-	7	13	13	27	40	24	8	13	13	27	47	19
Cladosporium	11,000	130	210	590	1,400	2,200	98	110	210	610	1,600	2,800	97
Curvularia	13	7	13	13	27	40	4	7	13	13	27	53	6
Epicoccum	27	10	13	13	40	53	26	8	13	13	33	53	19
Nigrospora	-	7	10	13	13	27	4	7	13	13	27	53	8
Other brown	13	13	13	13	40	53	36	13	13	13	40	53	34
Penicillium/Aspergillus types	53	53	53	190	480	750	82	53	100	210	590	1,000	84
Pithomyces	27	7	13	13	27	53	4	7	13	13	27	53	4
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Torula	-	10	13	13	40	67	19	8	13	13	40	67	12
<b>Seldom found growing indoors**</b>													
Ascospores	270	13	40	96	240	430	70	25	53	110	360	690	71
Basidiospores	1,700	40	53	160	480	910	91	53	80	260	990	2,300	93
Oidium	67	13	13	19	50	80	28	13	13	13	44	75	19
Rusts	-	13	13	27	53	100	38	13	13	13	53	80	26
Smuts, Periconia, Myxomycetes	200	13	27	58	170	320	80	13	13	40	110	210	68
<b>§ TOTAL SPORES/m3</b>	<b>13,000</b>												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 21406001-1 TM08OUT:**

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				350	7 - 33 - 600	45
Ascospores				270	13 - 210 - 5,800	76
Basidiospores				1,700	19 - 450 - 24,000	92
Cladosporium				11,000	27 - 470 - 10,000	90
Curvularia				13	7 - 27 - 600	17
Epicoccum				27	7 - 20 - 330	25
Oidium				67	7 - 13 - 220	11
Other brown				13	7 - 13 - 130	23
Penicillium/Aspergillus types				53	13 - 170 - 2,700	68
Pithomyces				27	7 - 20 - 590	15
Smuts, Periconia, Myxomycetes				200	7 - 53 - 930	64
<b>Total</b>				13,000		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 21406001-1 TM09**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 4 Result: 5.3333 Critical value: 9.4877 Inside Similar: Yes	Result: 0.6250	dF: 11 Result: 0.6477 Critical value: 0.5273 Outside Similar: Yes	Score: 111 Result: Low
Species Detected	Spores/m3			
	<100	1K	10K	>100K
Alternaria				13
Basidiospores				53
Cladosporium				53
Other brown				13
Smuts, Periconia, Myxomycetes				13
<b>Total</b>				150

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location: 21406001-1 TM10**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 5.3333 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1667	dF: 11 Result: 0.5795 Critical value: 0.5273 Outside Similar: Yes	Score: 105 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Basidiospores					53
<b>Total</b>					53

**Location: 21406001-1 TM11**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 5.3333 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1667	dF: 11 Result: 0.4295 Critical value: 0.5273 Outside Similar: No	Score: 103 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					13

**Location: 21406001-1 TM12**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 5.3333 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1667	dF: 11 Result: 0.6295 Critical value: 0.5273 Outside Similar: Yes	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					53
<b>Total</b>					53

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
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 Date of Report: 06-13-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM13

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 5.3333 Critical value: 9.4877 Inside Similar: Yes	Result: 0.0000	dF: 12 Result: 0.1573 Critical value: 0.4965 Outside Similar: No	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Rusts					13
<b>Total</b>					13

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 21406001-1 TM08OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					26	350
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					201	11,000
Curvularia					1	13
Epicoccum					2	27
Nigrospora					ND	< 13
Other brown					1	13
Penicillium/Aspergillus types†					1	53
Pithomyces					2	27
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					5	270
Basidiospores					32	1,700
Oidium					5	67
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					15	200
<b>Total</b>						<b>13,440</b>

**Location:** 21406001-1 TM09

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					1	53
Curvularia					ND	< 13
Nigrospora					ND	< 13
Other brown					1	13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					ND	< 13
Basidiospores					1	53
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					1	13
<b>Total</b>						<b>147</b>

MoldSCORE‡			
100	200	300	Score
			104
			100
			100
			100
			100
			100
			105
			100
			100
			100
			100
			104
			100
			102
<b>Final MoldSCORE</b>			<b>111</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM10

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡				
	<100	1K	10K	>100K			100	200	300	Score	
<b>Generally able to grow indoors*</b>											
Alternaria					ND	< 13				100	
Bipolaris/Drechslera group					ND	< 13				100	
Chaetomium					ND	< 13				100	
Cladosporium					ND	< 13				100	
Curvularia					ND	< 13				100	
Nigrospora					ND	< 13				100	
Penicillium/Aspergillus types†					ND	< 13				100	
Stachybotrys					ND	< 13				100	
Torula					ND	< 13				100	
<b>Seldom found growing indoors**</b>											
Ascospores					ND	< 13				100	
Basidiospores					1	53				105	
Rusts					ND	< 13				100	
Smuts, Periconia, Myxomycetes					ND	< 13				100	
<b>Total</b>						<b>53</b>					
										<b>Final MoldSCORE</b>	<b>105</b>

**Location:** 21406001-1 TM11

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡				
	<100	1K	10K	>100K			100	200	300	Score	
<b>Generally able to grow indoors*</b>											
Alternaria					ND	< 13				100	
Bipolaris/Drechslera group					ND	< 13				100	
Chaetomium					ND	< 13				100	
Cladosporium					ND	< 13				100	
Curvularia					ND	< 13				100	
Nigrospora					ND	< 13				100	
Penicillium/Aspergillus types†					ND	< 13				100	
Stachybotrys					ND	< 13				100	
Torula					ND	< 13				100	
<b>Seldom found growing indoors**</b>											
Ascospores					ND	< 13				100	
Basidiospores					ND	< 13				100	
Rusts					ND	< 13				100	
Smuts, Periconia, Myxomycetes					1	13				103	
<b>Total</b>						<b>13</b>					
										<b>Final MoldSCORE</b>	<b>103</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-11-2014  
 Date of Receipt: 06-12-2014  
 Date of Report: 06-13-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM12

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					1	53				101
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>53</b>				
							<b>Final MoldSCORE</b>	<b>101</b>		

**Location:** 21406001-1 TM13

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					1	13				105
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>13</b>				
							<b>Final MoldSCORE</b>	<b>100</b>		

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-11-2014  
Date of Receipt: 06-12-2014  
Date of Report: 06-13-2014

### MoldSCORE™: Spore Trap Report

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



Report for:

**Mr. Lakhpreet Sandhu**  
**Hygiene Technologies International, Inc.**  
3625 Del Amo Boulevard, Suite 180  
Torrance, CA 90503-8370

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Regarding: Project: 21406001-1  
EML ID: 1223312

Approved by:

Technical Manager  
Melissa Tracey

Dates of Analysis:  
Spore trap analysis: 06-20-2014

Service SOPs: Spore trap analysis (1038)  
AIHA-LAP, LLC accredited service, Lab ID #179768

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Lakhpreet Sandhu  
Re: 21406001-1Date of Sampling: 06-19-2014  
Date of Receipt: 06-19-2014  
Date of Report: 06-20-2014**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM14OUT		21406001-1 TM15		21406001-1 TM16	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5564854-1		5564855-1		5564856-1	
Analysis Date:	06/20/2014		06/20/2014		06/20/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13		
Ascospores	1	53				
Basidiospores	5	270				
Botrytis						
Chaetomium	1	13				
Cladosporium	27	1,400	2	110		
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	1	53				
Pithomyces						
Rusts	1	13			1	13
Smuts, Periconia, Myxomycetes	2	27	1	13		
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	40		13		13	
Pollen/m3	93		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,900</b>		<b>130</b>		<b>13</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM17		21406001-1 TM18		21406001-1 TM19	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5564857-1		5564858-1		5564859-1	
Analysis Date:	06/20/2014		06/20/2014		06/20/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Botrytis						
Chaetomium						
Cladosporium	2	110				
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts	1	13			1	13
Smuts, Periconia, Myxomycetes	1	13			1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>130</b>		<b>&lt; 13</b>		<b>27</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.  
 ‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Lakhpreet Sandhu  
Re: 21406001-1Date of Sampling: 06-19-2014  
Date of Receipt: 06-19-2014  
Date of Report: 06-20-2014**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 21406001-1 TM14OUT**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in California† (n‡=16821)						Typical Outdoor Data for: The entire year in California† (n‡=200710)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
<b>Generally able to grow indoors*</b>													
Alternaria	13	13	13	27	67	110	64	13	13	27	67	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	12	7	13	13	27	40	12
Chaetomium	13	7	13	13	27	40	24	8	13	13	27	47	19
Cladosporium	1,400	130	210	590	1,400	2,200	98	110	210	610	1,600	2,800	97
Curvularia	-	7	13	13	27	40	4	7	13	13	27	53	6
Nigrospora	-	7	10	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	53	53	53	190	480	750	82	53	100	210	590	1,000	84
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Torula	-	10	13	13	40	67	19	8	13	13	40	67	12
<b>Seldom found growing indoors**</b>													
Ascospores	53	13	40	96	240	430	70	25	53	110	360	690	71
Basidiospores	270	40	53	160	480	910	91	53	80	260	990	2,300	93
Rusts	13	13	13	27	53	100	38	13	13	13	53	80	26
Smuts, Periconia, Myxomycetes	27	13	27	58	170	320	80	13	13	40	110	210	68
<b>§ TOTAL SPORES/m3</b>	<b>1,900</b>												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 21406001-1 TM14OUT:**

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				13	7 - 33 - 600	45
Ascospores				53	13 - 210 - 5,800	76
Basidiospores				270	19 - 450 - 24,000	92
Chaetomium				13	7 - 13 - 160	9
Cladosporium				1,400	27 - 470 - 10,000	90
Penicillium/Aspergillus types				53	13 - 170 - 2,700	68
Rusts				13	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				27	7 - 53 - 930	64
<b>Total</b>				1,900		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 21406001-1 TM15**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 7%	dF: 4 Result: 4.2500 Critical value: 9.4877 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.3214 Critical value: 0.6190 Outside Similar: No	Score: 107 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Alternaria				13
	Cladosporium				110
	Smuts, Periconia, Myxomycetes				13
	<b>Total</b>				130

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM16

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 4.2500 Critical value: 9.4877 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.1250 Critical value: 0.6190 Outside Similar: No	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Rusts					13
<b>Total</b>					13

**Location:** 21406001-1 TM17

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 7%	dF: 4 Result: 4.2500 Critical value: 9.4877 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.3214 Critical value: 0.6190 Outside Similar: No	Score: 102 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					110
Rusts					13
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					130

**Location:** 21406001-1 TM18

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 4.2500 Critical value: 9.4877 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
<b>None Detected</b>					< 13

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM19

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 1%	dF: 4 Result: 4.2500 Critical value: 9.4877 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: -0.0417 Critical value: 0.6190 Outside Similar: No	Score: 103 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Rusts					13
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					27

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 21406001-1 TM14OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					1	13
Cladosporium					27	1,400
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					1	53
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					1	53
Basidiospores					5	270
Rusts					1	13
Smuts, Periconia, Myxomycetes					2	27
<b>Total</b>						<b>1,880</b>

**Location:** 21406001-1 TM15

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					2	110
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					ND	< 13
Basidiospores					ND	< 13
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					1	13
<b>Total</b>						<b>133</b>

MoldSCORE‡			
100	200	300	Score
			105
			100
			100
			101
			100
			100
			100
			100
			100
			100
			100
			100
			102
<b>Final MoldSCORE</b>			<b>107</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM16

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts	█				1	13	█			105
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
<b>Total</b>						<b>13</b>				
							<b>Final MoldSCORE</b>			<b>100</b>

**Location:** 21406001-1 TM17

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium	█				2	110	█			101
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts	█				1	13	█			105
Smuts, Periconia, Myxomycetes	█				1	13	█			102
<b>Total</b>						<b>133</b>				
							<b>Final MoldSCORE</b>			<b>102</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-19-2014  
 Date of Receipt: 06-19-2014  
 Date of Report: 06-20-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM18

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
<b>Total</b>						<b>N/A</b>				<b>Final MoldSCORE 100</b>

**Location:** 21406001-1 TM19

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					1	13	█			105
Smuts, Periconia, Myxomycetes					1	13	█			103
<b>Total</b>						<b>27</b>				<b>Final MoldSCORE 103</b>

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-19-2014  
Date of Receipt: 06-19-2014  
Date of Report: 06-20-2014

### **MoldSCORE™: Spore Trap Report**

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



Report for:

**Mr. Kenny Hsi, Mr. Lakhpreet Sandhu**  
**Hygiene Technologies International, Inc.**  
3625 Del Amo Boulevard, Suite 180  
Torrance, CA 90503-8370

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Regarding: Project: 21406001-1  
EML ID: 1224455

Approved by:

Technical Manager  
Melissa Tracey

REVISED REPORT

Dates of Analysis:  
Spore trap analysis: 07-11-2014

Service SOPs: Spore trap analysis (1038)  
AIHA-LAP, LLC accredited service, Lab ID #179768

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM20OUT		21406001-1 TM21		21406001-1 TM22		21406001-1 TM23	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	5571022-2		5571023-2		5571024-2		5571025-2	
Analysis Date:	07/11/2014		07/11/2014		07/11/2014		07/11/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Ascospores	2	110						
Basidiospores			1	53				
Botrytis								
Chaetomium	2	27						
Cladosporium	12	640						
Curvularia								
Epicoccum							1	13
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†			1	53				
Pithomyces								
Rusts	2	27						
Smuts, Periconia, Myxomycetes	16	210	1	13	1	13		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		1+		2+	
Hyphal fragments/m3	93		< 13		< 13		< 13	
Pollen/m3	110		13		13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,000</b>		<b>120</b>		<b>13</b>		<b>13</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1Date of Sampling: 06-23-2014  
Date of Receipt: 06-23-2014  
Date of Report: 06-24-2014**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21406001-1 TM24		21406001-1 TM25		21406001-1 TM26	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5571026-2		5571027-2		5571028-2	
Analysis Date:	07/11/2014		07/11/2014		07/11/2014	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Ascospores					1	53
Basidiospores			1	53		
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes			3	40	1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		< 13		93		67

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 21406001-1 TM20OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium	█				2	27
Cladosporium	█	█			12	640
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores	█				2	110
Basidiospores					ND	< 13
Rusts	█				2	27
Smuts, Periconia, Myxomycetes	█				16	210
<b>Total</b>						<b>1,013</b>

**Location:** 21406001-1 TM21

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					ND	< 13
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†	█				1	53
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					ND	< 13
Basidiospores	█				1	53
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes	█				1	13
<b>Total</b>						<b>120</b>

MoldSCORE‡			
100	200	300	Score
█			100
█			100
█			100
█			100
█			100
█			100
█			108
█			100
█			100
█			100
█			100
█			106
█			100
█			100
<b>Final MoldSCORE</b>			<b>108</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM22

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					1	13				102
<b>Total</b>						<b>13</b>				<b>102</b>
							<b>Final MoldSCORE</b>	<b>102</b>		

**Location:** 21406001-1 TM23

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Epicoccum					1	13				105
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>13</b>				<b>105</b>
							<b>Final MoldSCORE</b>	<b>105</b>		

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSCORE™: Spore Trap Report**

**Location:** 21406001-1 TM24

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
<b>Total</b>						<b>N/A</b>				
							<b>Final MoldSCORE</b>	<b>100</b>		

**Location:** 21406001-1 TM25

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█			100
Basidiospores		█			1	53	█			106
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes		█			3	40	█			106
<b>Total</b>						<b>93</b>				
							<b>Final MoldSCORE</b>	<b>106</b>		



Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-23-2014  
Date of Receipt: 06-23-2014  
Date of Report: 06-24-2014

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 21406001-1 TM20OUT**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in California† (n‡=16821)						Typical Outdoor Data for: The entire year in California† (n‡=200710)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
<b>Generally able to grow indoors*</b>													
Alternaria	-	13	13	27	67	110	64	13	13	27	67	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	12	7	13	13	27	40	12
Chaetomium	27	7	13	13	27	40	24	8	13	13	27	47	19
Cladosporium	640	130	210	590	1,400	2,200	98	110	210	610	1,600	2,800	97
Curvularia	-	7	13	13	27	40	4	7	13	13	27	53	6
Epicoccum	-	10	13	13	40	53	26	8	13	13	33	53	19
Nigrospora	-	7	10	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	-	53	53	190	480	750	82	53	100	210	590	1,000	84
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Torula	-	10	13	13	40	67	19	8	13	13	40	67	12
<b>Seldom found growing indoors**</b>													
Ascospores	110	13	40	96	240	430	70	25	53	110	360	690	71
Basidiospores	-	40	53	160	480	910	91	53	80	260	990	2,300	93
Rusts	27	13	13	27	53	100	38	13	13	13	53	80	26
Smuts, Periconia, Myxomycetes	210	13	27	58	170	320	80	13	13	40	110	210	68
<b>§ TOTAL SPORES/m3</b>	<b>1,000</b>												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\* These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 21406001-1 TM20OUT:**

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Ascospores				110	13 - 210 - 5,800	76
Basidiospores				< 13	19 - 450 - 24,000	92
Chaetomium				27	7 - 13 - 160	9
Cladosporium				640	27 - 470 - 10,000	90
Penicillium/Aspergillus types				< 13	13 - 170 - 2,700	68
Rusts				27	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				210	7 - 53 - 930	64
<b>Total</b>				<b>1,000</b>		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 21406001-1 TM21**

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 11%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2500	dF: 7 Result: -0.4196 Critical value: 0.6786 Outside Similar: No	Score: 108 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Basidiospores				53
	Penicillium/Aspergillus types				53
	Smuts, Periconia, Myxomycetes				13
	<b>Total</b>				<b>120</b>

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM22

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 1%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.5250 Critical value: 0.8000 Outside Similar: No	Score: 102 Result: Low	
<b>Species Detected</b>		<b>Spores/m3</b>			
		<100	1K	10K	>100K
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					13

**Location:** 21406001-1 TM23

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 1%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.0000	dF: 6 Result: -0.1286 Critical value: 0.7714 Outside Similar: No	Score: 105 Result: Low	
<b>Species Detected</b>		<b>Spores/m3</b>			
		<100	1K	10K	>100K
Epicoccum					13
<b>Total</b>					13

**Location:** 21406001-1 TM24

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low	
<b>Species Detected</b>		<b>Spores/m3</b>			
		<100	1K	10K	>100K
<b>None Detected</b>					< 13

Client: Hygiene Technologies International, Inc.  
 C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
 Re: 21406001-1

Date of Sampling: 06-23-2014  
 Date of Receipt: 06-23-2014  
 Date of Report: 06-24-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 21406001-1 TM25

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 9%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2857	dF: 6 Result: -0.1286 Critical value: 0.7714 Outside Similar: No	Score: 106 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Basidiospores					53
Smuts, Periconia, Myxomycetes					40
<b>Total</b>					93

**Location:** 21406001-1 TM26

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 6%	dF: 5 Result: 3.0000 Critical value: 11.0705 Inside Similar: Yes	Result: 0.5714	dF: 5 Result: 0.3250 Critical value: 0.8000 Outside Similar: No	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					53
Smuts, Periconia, Myxomycetes					13
<b>Total</b>					67

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

Client: Hygiene Technologies International, Inc.  
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu  
Re: 21406001-1

Date of Sampling: 06-23-2014  
Date of Receipt: 06-23-2014  
Date of Report: 06-24-2014

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.





# HYGIENE TECH

Hygiene Technologies International, Inc.

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(310) 370-2474 FAX  
www.hygienetech.com

## Request For Analysis

Project Number/Purchase Order: 21406001-1 Date Submitted: 6/12/14  
Project Contact: L. Sandhu/K. Hsi Turnaround Required: Normal  
Lab Destination: EMLAB P&K Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21406001-1 TM08	75L	Air-o-cell	Spore Trap Analysis (Total Fungi)
21406001-1 TM09	75L	Air-o-cell	
21406001-1 TM10	75L	Air-o-cell	
21406001-1 TM11	75L	Air-o-cell	
21406001-1 TM12	75L	Air-o-cell	
21406001-1 TM13	75L	Air-o-cell	
21406001-1 TM14	75L	Air-o-cell	

06/14  
#Sandhu

Special Instructions: Random Sampling (Round-2)

1. Sampled by: #Sandhu on 6/11/14 @ 14:43 Received by: [Signature] 06/12/14  
 2. Relinquished by: #Sandhu on 6/12/14 @ 17:00 Received by: [Signature] 17:05 pm  
 3. Relinquished by: \_\_\_\_\_ Received by: \_\_\_\_\_  
 Please include signature, date, and time

Lab Use Only:



