HYGIENETECH
Hygiene Technologies International, Inc.

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Torrance, California 90503-1643
(310) 370-8370
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May 31, 2016

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

Document No. 21604001.1

Attention: Edna B. Murphy
Deputy Director Administration Department

Regarding: Limited Fungal Growth Exposure Assessment Surveys
April 2016 Random Sampling

Dear Ms. Murphy:

On April 7, 15, 26 and 29, 2016, 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 21604001-1, the airborne spore count data recorded showed fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Botrytis*, *Chaetomium*, C*ladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Epicoccum*, *Nigrospora*, *Oidium,* other brown, other colorless, *Polythrincium,* rusts, smuts, *Stachybotrys*, *Stemphylium*, *Torula,* and/or *Ulocladium*. 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 *Alternaria*, basidiospores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Oidium,* rusts, smuts, *Torula*, and/or *Ulocladium*. The distribution of fungal spore types detected in the surveyed areas was 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 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.

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 21604001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21604001-1 TM01OUT	21604001-1 TM02	21604001-1 TM03	21604001-1 TM04
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 25 feet northeast of main entrance; approximately five feet above ground/Normal outdoor activities	5th Floor; Elevator Lobby; about center; approximately five feet above floor/ Normal office activities	6th Floor; Room 620; about center; approximately five feet above floor/Normal office activities	7th Floor; Column K20 area; Cubicle 36; entry area; approximately five feet above floor/Normal office activities
DATE	04/07/16	04/07/16	04/07/16	04/07/16
START/STOP	10:54:00/10:59:00	11:01:00/11:06:00	11:08:00/11:13:00	11:17:00/11:22:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	67			
Ascospores	270		53	
Basidiospores	2,100			
Bipolaris/Drechslera group				
Botrytis	27			
Chaetomium	110			13
Cladosporium	4,200			
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium	27			
Other brown	13			
Other colorless	13			
Penicillium/Aspergillus types	160			
Pithomyces				
Rusts	67			
Smuts (Periconia, Myxomycetes)	610			13
Stachybotrys				
Stemphylium				
Torula	120			
Ulocladium				
Hyphal fragments	80	<13	<13	<13
Background debris*	2+	3+	2+	3+
TOTAL**	7,800	120	120	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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450 N STREET
SACRAMENTO, CALIFORNIA
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21604001-1 TM05	21604001-1 TM06	21604001-1 TM07OUT	21604001-1 TM08
SAMPLING LOCATION/ACTIVITIES	8th Floor; Column N21 area; Cubicle 162; about center; approximately five feet above floor/Normal office activities	9th Floor; Elevator Lobby; 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	11th Floor; Column K18 area; Cubicle 21; about center; approximately five feet above floor/Normal office activities
DATE	04/07/16	04/07/16	04/15/16	04/15/16
START/STOP	11:26:00/11:31:00	11:33:00/11:38:00	09:35:00/09:40:00	09:44:00/09:49:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria			270	
Ascospores			320	
Basidiospores	53	110	1,700	160
Bipolaris/Drechslera group				
Botrytis			40	
Cercospora				
Chaetomium			40	
Cladosporium		110	6,100	270
Epicoccum			13	
Fusarium				
Nigrospora				
Oidium			160	
Other brown				
Penicillium/Aspergillus types	53	53	750	
Pithomyces				
Rusts		13	80	
Smuts (Periconia, Myxomycetes)		13	4,300	27
Stachybotrys				
Stemphylium			40	
Torula			190	
Trichocladium				
Ulocladium			13	
Zygomycetes				
Hyphal fragments	<13	<13	200	<13
Background debris*	3+	3+	3+	3+
TOTAL**	53	290	14,000	450

*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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450 N STREET
SACRAMENTO, CALIFORNIA
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21604001-1 TM09	21604001-1 TM10	21604001-1 TM11	21604001-1 TM12
SAMPLING LOCATION/ACTIVITIES	14th Floor; Break Room 1402; about center; approximately five feet above floor/Normal office activities	15th Floor; Quiet Room 1510; about two feet southwest of entry door; approximately five feet above floor/Normal office activities	17th Floor; Copy Room 1705; about center; approximately five feet above floor/Normal office activities	20th Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities
DATE	04/15/16	04/15/16	04/15/16	04/15/16
START/STOP	10:01:00/10:06:00	10:08:00/10:13:00	10:15:00/10:20:00	10:22:00/10:27:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores				110
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		210	13	160
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium		13		
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	40	13		27
Stachybotrys				
Stemphylium				
Torula				13
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	3+	2+	2+	3+
TOTAL**	40	240	13	310

*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
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21604001-1 TM13OUT	21604001-1 TM14	21604001-1 TM15	21604001-1 TM16
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet south of the building; approximately five feet above ground/Normal outdoor activities	3rd Floor; Column M23 area; Cubicle 52 entry area; approximately five feet above floor/Normal office activities	4th Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	10th Floor; Column J18 area; about two feet north of Column J18; approximately five feet above floor/Normal office activities
DATE	04/26/16	04/26/16	04/26/16	04/26/16
START/STOP	15:19:00/015:24:00	15:31:00/15:36:00	15:39:00/15:44:00	15:47:00/15:52:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	93			
Ascospores	210			
Basidiospores	530		53	53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	53			
Cladosporium	2,500			290
Curvularia				
Epicoccum				
Nigrospora	40			
Oidium	13			
Other brown	93			
Penicillium/Aspergillus types	160	53		
Pithomyces				
Rusts		13		
Smuts (Periconia, Myxomycetes)	250	13	40	40
Stachybotrys				
Stemphylium	27			
Torula	27			
Trichocladium				
Ulocladium				13
Zygomycetes				
Hyphal fragments	80	<13	13	<13
Background debris*	3+	2+	2+	2+
TOTAL**	4,000	80	93	400

*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
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21604001-1 TM17	21604001-1 TM18	21604001-1 TM19	21604001-1 TM20OUT
SAMPLING LOCATION/ACTIVITIES	16th Floor; Men's Restroom; about center; approximately five feet above floor/Normal office activities	19th Floor; Column K20 area; Cubicle 33 entry area; approximately five feet above floor/Normal office activities	22nd Floor; Column J19 area; Cubicle 83; approximately five feet above floor/Normal office activities	Outdoors; about 15 feet west of the building; approximately five feet above ground/Normal outdoor activities
DATE	04/26/16	04/26/16	04/26/16	04/29/16
START/STOP	15:57:00/16:02:00	16:06:00/16:11:00	16:14:00/16:19:00	10:44:00/10:49:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				53
Ascospores				640
Basidiospores		53		3,200
Bipolaris/Drechslera group				
Botrytis				27
Chaetomium				27
Cladosporium			110	4,300
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Other colorless				27
Penicillium/Aspergillus types				53
Polythrincium				27
Rusts	13			93
Smuts (Periconia, Myxomycetes)	13		27	310
Stachybotrys				13
Stemphylium				40
Torula				40
Ulocladium			13	
Zygomycetes				
Hyphal fragments	<13	<13	40	67
Background debris*	3+	2+	2+	3+
TOTAL**	27	53	150	8,800

*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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APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21604001-1 TM21	21604001-1 TM22	21604001-1 TM23	21604001-1 TM24
SAMPLING LOCATION/ACTIVITIES	1st Floor; Board Room corridor area; adjacent to restroom; approximately five feet above floor/Sampling activities only	2nd Floor; Break Room 203; about center; approximately feet above floor/Normal office activities	18th Floor; Column J18 area; Cubicle at Column J18; about center; approximately five feet above floor/Normal office activities	21st Floor; Mail Room 21B; about five feet north of entry door; approximately five feet above floor/Normal office activities
DATE	04/29/16	04/29/16	04/29/16	04/29/16
START/STOP	11:02:00/11:07:00	11:11:00/11:16:00	11:22:00/11:27:00	11:38:00/11:43:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores	53	53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	110	53	53	
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts			13	
Smuts (Periconia, Myxomycetes)	53	40	27	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	3+	3+	3+	2+
TOTAL**	210	150	93	<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
APRIL 7, 15, 26 AND 29, 2016

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21604001-1 TM25	21604001-1 TM26		
SAMPLING LOCATION/ACTIVITIES	23rd Floor; Elevator Lobby; about center; approximately five feet above floor/ Normal office activities	24th Floor; Conference Room 2428; about 10 feet north of entry door; approximately five feet above floor/Normal office activities	This column intentionally left blank	This column intentionally left blank
DATE	04/29/16	04/29/16		
START/STOP	11:45:00/11:50:00	11:53:00/11:58:00		
SAMPLE TIME	5 minutes	5 minutes		
Alternaria	13			
Ascospores				
Basidiospores		53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53	53		
Curvularia				
Epicoccum				
Fusarium				
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*	3+	2+		
TOTAL**	110	120		

*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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EMLab P&K
A TestAmerica Company

Report for:

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

Regarding: Project: 21604001-1
EML ID: 1521287

Approved by:

Technical Manager
Louise White

Dates of Analysis:
Spore trap analysis: 04-08-2016

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

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM01OUT		21604001-1TM02		21604001-1TM03	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7039683-1		7039684-1		7039685-1	
Analysis Date:	04/08/2016		04/08/2016		04/08/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	5	67			1	13
Ascospores	5	270				
Basidiospores	40	2,100	1	53	1	53
Botrytis	2	27				
Chaetomium	8	110				
Cladosporium	78	4,200			1	53
Myrothecium						
Nigrospora			1	13		
Oidium	2	27				
Other brown	1	13				
Other colorless	1	13				
Penicillium/Aspergillus types†	3	160	1	53		
Pithomyces						
Rusts	5	67				
Smuts, Periconia, Myxomycetes	46	610				
Stachybotrys						
Stemphylium						
Torula	9	120				
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		3+		2+	
Hyphal fragments/m3	80		< 13		< 13	
Pollen/m3	400		210		110	
Skin cells (1-4+)	1+		2+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		7,800		120		120

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM04		21604001-1TM05		21604001-1TM06	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7039686-1		7039687-1		7039688-1	
Analysis Date:	04/08/2016		04/08/2016		04/08/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores					2	110
Botrytis						
Chaetomium	1	13				
Cladosporium					2	110
Myrothecium						
Nigrospora						
Oidium						
Other brown						
Other colorless						
Penicillium/Aspergillus types†			1	53	1	53
Pithomyces						
Rusts					1	13
Smuts, Periconia, Myxomycetes					1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		3+		3+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	13		27		190	
Skin cells (1-4+)	2+		2+		2+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		13		53		290

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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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The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21604001-1TM01OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: April in California† (n‡=20561)						Typical Outdoor Data for: The entire year in California† (n‡=230445)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	67	13	13	27	53	93	52	13	13	27	65	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	9	7	13	13	27	53	12
Chaetomium	110	8	13	13	27	40	18	8	13	13	27	48	19
Cladosporium	4,200	110	160	440	1,200	1,900	96	110	210	610	1,700	2,800	97
Curvularia	-	7	8	13	13	27	2	7	13	13	27	53	6
Nigrospora	-	7	11	13	13	33	4	7	13	13	27	53	9
Other brown	13	13	13	13	40	53	33	13	13	13	40	53	34
Other colorless	13	8	13	13	40	53	6	10	13	13	38	53	5
Penicillium/Aspergillus types	160	53	53	160	440	710	78	53	100	210	610	1,000	84
Stachybotrys	-	8	13	13	39	80	5	7	13	13	33	67	4
Torula	120	10	13	13	42	73	13	8	13	13	40	67	11
Seldom found growing indoors**													
Ascospores	270	27	53	110	390	750	74	27	53	110	370	750	71
Basidiospores	2,100	53	80	250	930	1,900	92	53	80	260	1,000	2,400	93
Botrytis	27	13	13	14	53	67	18	13	13	20	53	80	16
Oidium	27	13	13	27	53	93	31	13	13	13	50	80	19
Rusts	67	13	13	25	53	93	34	13	13	13	53	87	26
Smuts, Periconia, Myxomycetes	610	13	13	40	120	210	67	13	13	40	110	200	68
§ TOTAL SPORES/m3	7,800												

†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.

EMLab P&K
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(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21604001-1TM01OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	67	7 - 40 - 590	45
Ascospores	270	13 - 210 - 6,100	76
Basidiospores	2,100	13 - 430 - 23,000	92
Botrytis	27	7 - 27 - 280	5
Chaetomium	110	7 - 13 - 160	9
Cladosporium	4,200	27 - 480 - 9,900	90
Oidium	27	7 - 13 - 210	11
Other brown	13	7 - 19 - 130	25
Other colorless	13	7 - 27 - 730	4
Penicillium/Aspergillus types	160	13 - 170 - 2,600	67
Rusts	67	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes	610	7 - 53 - 930	64
Torula	120	7 - 13 - 170	9
Total	7,800		

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 occurence 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: 21604001-1TM02

% 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: 4.4250 Critical value: 9.4877 Inside Similar: Yes	Result: 0.2500	dF: 14 Result: 0.3385 Critical value: 0.4593 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Nigrospora	13
Penicillium/Aspergillus types	53
Total	120

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Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM03

% 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: 4.4250 Critical value: 9.4877 Inside Similar: Yes	Result: 0.3750	dF: 13 Result: 0.6099 Critical value: 0.4780 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K	
Alternaria					13
Basidiospores					53
Cladosporium					53
Total					120

Location: 21604001-1TM04

% 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: 4.4250 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1429	dF: 13 Result: 0.3970 Critical value: 0.4780 Outside Similar: No	Score: 121 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K	
Chaetomium					13
Total					13

Location: 21604001-1TM05

% 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: 4.4250 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1429	dF: 13 Result: 0.4684 Critical value: 0.4780 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K	
Penicillium/Aspergillus types					53
Total					53

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C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 4 Result: 4.4250 Critical value: 9.4877 Inside Similar: Yes	Result: 0.5556	dF: 13 Result: 0.7459 Critical value: 0.4780 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	110
Cladosporium	110
Penicillium/Aspergillus types	53
Rusts	13
Smuts, Periconia, Myxomycetes	13
Total	290

* 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&Kreserves 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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21604001-1TM01OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		5	67
Bipolaris/Drechslera group		ND	< 13
Chaetomium		8	110
Cladosporium		78	4,200
Curvularia		ND	< 13
Nigrospora		ND	< 13
Other brown		1	13
Other colorless		1	13
Penicillium/Aspergillus types†		3	160
Stachybotrys		ND	< 13
Torula		9	120
Seldom found growing indoors**			
Ascospores		5	270
Basidiospores		40	2,100
Botrytis		2	27
Oidium		2	27
Rusts		5	67
Smuts, Periconia, Myxomycetes		46	610
Total			**7,773**

Location: 21604001-1TM02

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		1	13		105
Penicillium/Aspergillus types†		1	53		108
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		102
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**120**	**Final MoldSCORE**	**108**

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C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM03

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		102
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**120**	**Final MoldSCORE**	**105**

Location: 21604001-1TM04

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		1	13		121
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**13**	**Final MoldSCORE**	**121**

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM05

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		108
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**108**

Location: 21604001-1TM06

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	110		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		2	110		103
Rusts		1	13		104
Smuts, Periconia, Myxomycetes		1	13		100
Total			**293**	**Final MoldSCORE**	**107**

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-07-2016
Date of Receipt: 04-07-2016
Date of Report: 04-08-2016

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.

EMLab P&K
A TestAmerica Company

Report for:

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

Regarding: Project: 21604001-1; Random Sampling (Round 2)
EML ID: 1525612

Approved by:

Technical Manager
Louise White

Dates of Analysis:
Spore trap analysis: 04-18-2016

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

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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM07OUT		21604001-1TM08		21604001-1TM09	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7061860-1		7061861-1		7061862-1	
Analysis Date:	04/18/2016		04/18/2016		04/18/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	20	270				
Ascospores	6	320				
Basidiospores	31	1,700	3	160		
Botrytis	3	40				
Chaetomium	3	40				
Cladosporium	114	6,100	5	270		
Epicoccum	1	13				
Myrothecium						
Nigrospora						
Oidium	12	160				
Other colorless						
Penicillium/Aspergillus types†	14	750				
Pithomyces						
Rusts	6	80				
Smuts, Periconia, Myxomycetes	324	4,300	2	27	3	40
Stachybotrys						
Stemphylium	3	40				
Torula	14	190				
Ulocladium	1	13				
Zygomycetes						
Background debris (1-4+)††	3+		3+		3+	
Hyphal fragments/m3	200		< 13		< 13	
Pollen/m3	200		< 13		< 13	
Skin cells (1-4+)	< 1+		2+		2+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		14,000		450		40

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM10		21604001-1TM11		21604001-1TM12	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7061863-1		7061864-1		7061865-1	
Analysis Date:	04/18/2016		04/18/2016		04/18/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores					2	110
Botrytis						
Chaetomium						
Cladosporium	4	210	1	13	3	160
Epicoccum						
Myrothecium						
Nigrospora						
Oidium	1	13				
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	1	13			2	27
Stachybotrys						
Stemphylium						
Torula					1	13
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		3+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	13		13		13	
Skin cells (1-4+)	1+		1+		2+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		240		13		310

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

EMLab P&K
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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21604001-1TM07OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: April in California† (n‡=20561)						Typical Outdoor Data for: The entire year in California† (n‡=230447)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	270	13	13	27	53	93	52	13	13	27	65	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	9	7	13	13	27	53	12
Chaetomium	40	8	13	13	27	40	18	8	13	13	27	48	19
Cladosporium	6,100	110	160	440	1,200	1,900	96	110	210	610	1,700	2,800	97
Curvularia	-	7	8	13	13	27	2	7	13	13	27	53	6
Epicoccum	13	7	13	13	27	53	16	8	13	13	40	53	19
Nigrospora	-	7	11	13	13	33	4	7	13	13	27	53	9
Penicillium/Aspergillus types	750	53	53	160	440	710	78	53	100	210	610	1,000	84
Stachybotrys	-	8	13	13	39	80	5	7	13	13	33	67	4
Stemphylium	40	7	13	13	27	27	8	7	13	13	27	40	9
Torula	190	10	13	13	42	73	13	8	13	13	40	67	11
Ulocladium	13	7	13	13	27	40	8	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	320	27	53	110	390	750	74	27	53	110	370	750	71
Basidiospores	1,700	53	80	250	930	1,900	92	53	80	260	1,000	2,400	93
Botrytis	40	13	13	14	53	67	18	13	13	20	53	80	16
Oidium	160	13	13	27	53	93	31	13	13	13	50	80	19
Rusts	80	13	13	25	53	93	34	13	13	13	53	87	26
Smuts, Periconia, Myxomycetes	4,300	13	13	40	120	210	67	13	13	40	110	200	68
§ TOTAL SPORES/m3	14,000												

†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 ouly 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.

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C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21604001-1TM07OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	270	7 - 40 - 590	44
Ascospores	320	13 - 210 - 6,100	76
Basidiospores	1,700	13 - 430 - 24,000	92
Botrytis	40	7 - 27 - 270	5
Chaetomium	40	7 - 13 - 160	9
Cladosporium	6,100	27 - 480 - 9,900	90
Epicoccum	13	7 - 27 - 350	24
Oidium	160	7 - 13 - 210	11
Penicillium/Aspergillus types	750	13 - 170 - 2,600	67
Rusts	80	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes	4,300	7 - 53 - 930	64
Stemphylium	40	7 - 13 - 93	3
Torula	190	7 - 13 - 170	9
Ulocladium	13	7 - 13 - 110	4
Total	14,000		

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 occurence 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: 21604001-1TM08

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 4 Result: 4.0400 Critical value: 9.4877 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.7593 Critical value: 0.4593 Outside Similar: Yes	Score: 111 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	160
Cladosporium	270
Smuts, Periconia, Myxomycetes	27
Total	450

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Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM09

% 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: 4.0400 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1333	dF: 14 Result: 0.5747 Critical value: 0.4593 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Smuts, Periconia, Myxomycetes	40
Total	40

Location: 21604001-1TM10

% 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: 4.0400 Critical value: 9.4877 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.6198 Critical value: 0.4593 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	210
Oidium	13
Smuts, Periconia, Myxomycetes	13
Total	240

Location: 21604001-1TM11

% 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: 4.0400 Critical value: 9.4877 Inside Similar: Yes	Result: 0.1333	dF: 14 Result: 0.6055 Critical value: 0.4593 Outside Similar: Yes	Score: 100 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	13
Total	13

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Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM12

% 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: 4 Result: 4.0400 Critical value: 9.4877 Inside Similar: Yes	Result: 0.4444	dF: 14 Result: 0.7473 Critical value: 0.4593 Outside Similar: Yes	Score: 108 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	110
Cladosporium	160
Smuts, Periconia, Myxomycetes	27
Torula	13
Total	310

* 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&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

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Re: 21604001-1; Random Sampling (Round 2)

Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21604001-1TM07OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		20	270
Bipolaris/Drechslera group		ND	< 13
Chaetomium		3	40
Cladosporium		114	6,100
Curvularia		ND	< 13
Epicoccum		1	13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		14	750
Stachybotrys		ND	< 13
Stemphylium		3	40
Torula		14	190
Ulocladium		1	13
Seldom found growing indoors**			
Ascospores		6	320
Basidiospores		31	1,700
Botrytis		3	40
Oidium		12	160
Rusts		6	80
Smuts, Periconia, Myxomycetes		324	4,300
Total			**13,960**

Location: 21604001-1TM08

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		5	270		105
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		3	160		111
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		2	27		100
Total			**453**	**Final MoldSCORE**	**111**

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Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM09

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		3	40		106
Total			**40**	**Final MoldSCORE**	**106**

Location: 21604001-1TM10

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		4	210		107
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Oidium		1	13		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		100
Total			**240**	**Final MoldSCORE**	**107**

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Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM11

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

Location: 21604001-1TM12

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		3	160		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		1	13		104
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		2	110		108
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		2	27		100
Total			**307**	**Final MoldSCORE**	**108**

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Date of Sampling: 04-15-2016
Date of Receipt: 04-15-2016
Date of Report: 04-18-2016

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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21604001-1TM13OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		7	93
Bipolaris/Drechslera group		ND	< 13
Chaetomium		4	53
Cladosporium		47	2,500
Curvularia		ND	< 13
Nigrospora		3	40
Other brown		7	93
Penicillium/Aspergillus types†		3	160
Stachybotrys		ND	< 13
Stemphylium		2	27
Torula		2	27
Seldom found growing indoors**			
Ascospores		4	210
Basidiospores		10	530
Oidium		1	13
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes		19	250
Total			**4,013**

Location: 21604001-1TM14

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		108
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes		1	13		102
Total			**80**	**Final MoldSCORE**	**108**

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM15

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		3	40		107
Total			**93**	**Final MoldSCORE**	**107**

Location: 21604001-1TM16

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		16	290		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Ulocladium		1	13		105
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		3	40		103
Total			**400**	**Final MoldSCORE**	**108**

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM17

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes		1	13		102
Total			**27**	**Final MoldSCORE**	**102**

Location: 21604001-1TM18

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**105**

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM19

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Ulocladium		1	13		105
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		2	27		104
Total			**147**	**Final MoldSCORE**	**109**

* 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.

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21604001-1TM13OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)		Typical outdoor ranges (North America)	Freq. %
Alternaria		93	7 - 40 - 590	44
Ascospores		210	13 - 210 - 6,100	76
Basidiospores		530	13 - 430 - 24,000	92
Chaetomium		53	7 - 13 - 160	9
Cladosporium		2,500	27 - 480 - 9,900	90
Nigrospora		40	7 - 13 - 240	16
Oidium		13	7 - 13 - 210	11
Other brown		93	7 - 19 - 130	25
Penicillium/Aspergillus types		160	13 - 170 - 2,600	67
Smuts, Periconia, Myxomycetes		250	7 - 53 - 930	64
Stemphylium		27	7 - 13 - 93	3
Torula		27	7 - 13 - 170	9
Total		4,000		

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 occurence 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: 21604001-1TM14

% 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: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2667	dF: 13 Result: 0.2473 Critical value: 0.4780 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)	
Penicillium/Aspergillus types		53
Rusts		13
Smuts, Periconia, Myxomycetes		13
Total		80

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM15

% 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: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2857	dF: 12 Result: 0.6311 Critical value: 0.4965 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Smuts, Periconia, Myxomycetes	40
Total	93

Location: 21604001-1TM16

% 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: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3750	dF: 13 Result: 0.5907 Critical value: 0.4780 Outside Similar: Yes	Score: 108 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	290
Smuts, Periconia, Myxomycetes	40
Ulocladium	13
Total	400

Location: 21604001-1TM17

% 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: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1429	dF: 13 Result: 0.2349 Critical value: 0.4780 Outside Similar: No	Score: 102 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Rusts	13
Smuts, Periconia, Myxomycetes	13
Total	27

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C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM18

% 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: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1538	dF: 12 Result: 0.5769 Critical value: 0.4965 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Basidiospores				53
Total				53

Location: 21604001-1TM19

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 5 Result: 3.4524 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2667	dF: 13 Result: 0.4382 Critical value: 0.4780 Outside Similar: No	Score: 109 Result: Low

Species Detected	Spores/m3 <100	1K	10K	>100K
Cladosporium				110
Smuts, Periconia, Myxomycetes				27
Ulocladium				13
Total				150

* 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.

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

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&Kreserves 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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21604001-1TM13OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: April in California† (n‡=20561)						Typical Outdoor Data for: The entire year in California† (n‡=230447)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	93	13	13	27	53	93	52	13	13	27	65	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	9	7	13	13	27	53	12
Chaetomium	53	8	13	13	27	40	18	8	13	13	27	48	19
Cladosporium	2,500	110	160	440	1,200	1,900	96	110	210	610	1,700	2,800	97
Curvularia	-	7	8	13	13	27	2	7	13	13	27	53	6
Nigrospora	40	7	11	13	13	33	4	7	13	13	27	53	9
Other brown	93	13	13	13	40	53	33	13	13	13	40	53	34
Penicillium/Aspergillus types	160	53	53	160	440	710	78	53	100	210	610	1,000	84
Stachybotrys	-	8	13	13	39	80	5	7	13	13	33	67	4
Stemphylium	27	7	13	13	27	27	8	7	13	13	27	40	9
Torula	27	10	13	13	42	73	13	8	13	13	40	67	11
Ulocladium	-	7	13	13	27	40	8	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	210	27	53	110	390	750	74	27	53	110	370	750	71
Basidiospores	530	53	80	250	930	1,900	92	53	80	260	1,000	2,400	93
Oidium	13	13	13	27	53	93	31	13	13	13	50	80	19
Rusts	-	13	13	25	53	93	34	13	13	13	53	87	26
Smuts, Periconia, Myxomycetes	250	13	13	40	120	210	67	13	13	40	110	200	68
§ TOTAL SPORES/m3	4,000												

†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.

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EMLab P&K
A TestAmerica Company

Report for:

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

Regarding: Project: 21604001-1
EML ID: 1531085

Approved by:

Technical Manager
Louise White

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 05-11-2016

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

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM13OUT		21604001-1TM14		21604001-1TM15		21604001-1TM16	
Comments (see below)	None		None		None		A	
Lab ID-Version‡:	7090809-2		7090810-2		7090811-2		7090812-2	
Analysis Date:	05/11/2016		05/11/2016		05/11/2016		05/11/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	7	93						
Ascospores	4	210						
Basidiospores	10	530			1	53	1	53
Chaetomium	4	53						
Cladosporium	47	2,500					16	290
Myrothecium								
Nigrospora	3	40						
Oidium	1	13						
Other brown	7	93						
Other colorless								
Penicillium/Aspergillus types†	3	160	1	53				
Pithomyces								
Rusts			1	13				
Smuts, Periconia, Myxomycetes	19	250	1	13	3	40	3	40
Stachybotrys								
Stemphylium	2	27						
Torula	2	27						
Ulocladium							1	13
Zygomycetes								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	80		< 13		13		< 13	
Pollen/m3	80		< 13		13		40	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,000		80		93		400

Comments: A) 14 of the raw count *Cladosporium* spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

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Re: 21604001-1

Date of Sampling: 04-27-2016
Date of Receipt: 04-27-2016
Date of Report: 04-28-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM17		21604001-1TM18		21604001-1TM19	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7090813-2		7090814-2		7090815-2	
Analysis Date:	05/11/2016		05/11/2016		05/11/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores			1	53		
Chaetomium						
Cladosporium					2	110
Fusarium						
Myrothecium						
Nigrospora						
Oidium						
Other brown						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts	1	13				
Smuts, Periconia, Myxomycetes	1	13			2	27
Stachybotrys						
Stemphylium						
Torula						
Ulocladium					1	13
Zygomycetes						
Background debris (1-4+)††	3+		2+		2+	
Hyphal fragments/m3	< 13		< 13		40	
Pollen/m3	13		< 13		13	
Skin cells (1-4+)	2+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		27		53		150

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 4)

Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21604001-1TM20OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		4	53
Bipolaris/Drechslera group		ND	< 13
Chaetomium		2	27
Cladosporium		121	4,300
Curvularia		ND	< 13
Nigrospora		ND	< 13
Other colorless		2	27
Penicillium/Aspergillus types†		1	53
Polythrincium		2	27
Stachybotrys		1	13
Stemphylium		3	40
Torula		3	40
Seldom found growing indoors**			
Ascospores		12	640
Basidiospores		60	3,200
Botrytis		2	27
Rusts		7	93
Smuts, Periconia, Myxomycetes		23	310
Total			**8,800**

Location: 21604001-1TM21

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	110		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		4	53		109
Total			**213**	**Final MoldSCORE**	**109**

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
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Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Lakhpreet Sandhu
Re: 21604001-1; Random Sampling (Round 4)

Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM22

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		3	40		107
Total			**147**	**Final MoldSCORE**	**107**

Location: 21604001-1TM23

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes		2	27		105
Total			**93**	**Final MoldSCORE**	**105**

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Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM24

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 21604001-1TM25

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		3	40		107
Total			**107**	**Final MoldSCORE**	**112**

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Re: 21604001-1; Random Sampling (Round 4)

Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

MoldSCORE™: Spore Trap Report

Location: 21604001-1TM26

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		102
Total			**120**	**Final MoldSCORE**	**102**

* 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.

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Re: 21604001-1; Random Sampling (Round 4)

Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21604001-1TM20OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	53	7 - 40 - 590	44
Ascospores	640	13 - 210 - 6,100	76
Basidiospores	3,200	13 - 430 - 24,000	92
Botrytis	27	7 - 27 - 270	5
Chaetomium	27	7 - 13 - 160	9
Cladosporium	4,300	27 - 480 - 9,900	90
Other colorless	27	7 - 27 - 720	4
Penicillium/Aspergillus types	53	13 - 170 - 2,600	67
Polythrincium	27	7 - 13 - 170	3
Rusts	93	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes	310	7 - 53 - 930	64
Stachybotrys	13	7 - 13 - 470	3
Stemphylium	40	7 - 13 - 93	3
Torula	40	7 - 13 - 170	9
Total	8,800		

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 occurence 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: 21604001-1TM21

% 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: 5.2571 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.7418 Critical value: 0.4593 Outside Similar: Yes	Score: 109 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	110
Smuts, Periconia, Myxomycetes	53
Total	210

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Re: 21604001-1; Random Sampling (Round 4)

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM22

% 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: 5.2571 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.7440 Critical value: 0.4593 Outside Similar: Yes	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	53
Smuts, Periconia, Myxomycetes	40
Total	150

Location: 21604001-1TM23

% 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: 5.2571 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.6571 Critical value: 0.4593 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Rusts	13
Smuts, Periconia, Myxomycetes	27
Total	93

Location: 21604001-1TM24

% 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: 5.2571 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)
None Detected	< 13

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21604001-1TM25

% 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: 5.2571 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.6176 Critical value: 0.4593 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Cladosporium	53
Smuts, Periconia, Myxomycetes	40
Total	110

Location: 21604001-1TM26

% 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: 5.2571 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3529	dF: 14 Result: 0.7440 Critical value: 0.4593 Outside Similar: Yes	Score: 102 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	53
Smuts, Periconia, Myxomycetes	13
Total	120

* 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.

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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&Kreserves 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.

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MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21604001-1TM20OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: April in California† (n‡=20561)						Typical Outdoor Data for: The entire year in California† (n‡=230447)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	53	13	13	27	53	93	52	13	13	27	65	110	53
Bipolaris/Drechslera group	-	7	13	13	27	40	9	7	13	13	27	53	12
Chaetomium	27	8	13	13	27	40	18	8	13	13	27	48	19
Cladosporium	4,300	110	160	440	1,200	1,900	96	110	210	610	1,700	2,800	97
Curvularia	-	7	8	13	13	27	2	7	13	13	27	53	6
Nigrospora	-	7	11	13	13	33	4	7	13	13	27	53	9
Other colorless	27	8	13	13	40	53	6	10	13	13	38	53	5
Penicillium/Aspergillus types	53	53	53	160	440	710	78	53	100	210	610	1,000	84
Polythrincium	27	7	13	13	13	28	< 1	7	13	13	22	40	< 1
Stachybotrys	13	8	13	13	39	80	5	7	13	13	33	67	4
Stemphylium	40	7	13	13	27	27	8	7	13	13	27	40	9
Torula	40	10	13	13	42	73	13	8	13	13	40	67	11
Seldom found growing indoors**													
Ascospores	640	27	53	110	390	750	74	27	53	110	370	750	71
Basidiospores	3,200	53	80	250	930	1,900	92	53	80	260	1,000	2,400	93
Botrytis	27	13	13	14	53	67	18	13	13	20	53	80	16
Rusts	93	13	13	25	53	93	34	13	13	13	53	87	26
Smuts, Periconia, Myxomycetes	310	13	13	40	120	210	67	13	13	40	110	200	68
§ TOTAL SPORES/m3	8,800												

†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.

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EMLab P&K
A TestAmerica Company

Report for:

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

Regarding: Project: 21604001-1; Random Sampling (Round 4)
EML ID: 1532873

Approved by:

Technical Manager
Louise White

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 05-11-2016

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

EMLab P&K
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Client: Hygiene Technologies International, Inc.
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Re: 21604001-1; Random Sampling (Round 4)

Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM20OUT		21604001-1TM21		21604001-1TM22		21604001-1TM23	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	7098628-2		7098629-2		7098630-2		7098631-2	
Analysis Date:	05/11/2016		05/11/2016		05/11/2016		05/11/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	4	53						
Ascospores	12	640						
Basidiospores	60	3,200	1	53	1	53		
Botrytis	2	27						
Chaetomium	2	27						
Cladosporium	121	4,300	2	110	1	53	1	53
Myrothecium								
Nigrospora								
Other colorless	2	27						
Penicillium/Aspergillus types†	1	53						
Pithomyces								
Polythrincium	2	27						
Rusts	7	93					1	13
Smuts, Periconia, Myxomycetes	23	310	4	53	3	40	2	27
Stachybotrys	1	13						
Stemphylium	3	40						
Torula	3	40						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	67		< 13		< 13		< 13	
Pollen/m3	240		< 13		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		8,800		210		150		93

Comments: A) 55 of the raw count *Cladosporium* spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

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Date of Sampling: 04-29-2016
Date of Receipt: 04-29-2016
Date of Report: 05-02-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21604001-1TM24		21604001-1TM25		21604001-1TM26	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7098632-2		7098633-2		7098634-2	
Analysis Date:	05/11/2016		05/11/2016		05/11/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13		
Ascospores						
Basidiospores					1	53
Botrytis						
Chaetomium						
Cladosporium			1	53	1	53
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Polythrincium						
Rusts						
Smuts, Periconia, Myxomycetes			3	40	1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		3+		2+	
Hyphal fragments/m3	< 13		13		< 13	
Pollen/m3	27		13		13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		< 13		110		120

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† 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/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

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.

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HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-6370 • FAX (310) 370-2474

Request For Analysis

Project Number/Purchase Order: 21604001-1

Date Submitted: 04-07-16

Project Contact: L. Sandhu/K.Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21604001-1TM01OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM02	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM03	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM04	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM05	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM06	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions : Random Sampling (Round 1)

1. **Sampled by:** [signature] on 04-07-16@1054hrs **Received by:** Joyce Kaguyo 1640 4/7/16
2. **Relinquished by:** [signature] on 04-07-16@1640hrs **Received by:**
3. **Relinquished by:** **Received by:**

Please include signature, date, and time

Lab Use Only:

HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370 • FAX (310) 370-2474

Request For Analysis

Project Number/Purchase Order: 21604001-1

Date Submitted: 04-15-16

Project Contact: L. Sandhu/K.Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21604001-1TM07OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM08	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM09	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM10	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM11	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM12	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions : Random Sampling (Round 2)

1. **Sampled by:** [signature] on 04-15-16@0136 hrs — **Received by:** Joyce Nagayo 4/15/16 12:07P
2. **Relinquished by:** [signature] on 04-15-16@1220 hrs — **Received by:**
3. **Relinquished by:** — **Received by:**

Please include signature, date, and time

Lab Use Only:

HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370 • FAX (310) 370-2474

Request For Analysis

Project Number/Purchase Order: 21604001-1

Date Submitted: 04-27-16

Project Contact: L. Sandhu/K.Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21604001-1TM13OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM14	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM15	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM16	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM17	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM18	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM19	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions : Random Sampling (Round 3)

1. **Sampled by:** [signature] on 04-26-16@1519 hrs **Received by:** Christina Chester 4/27 12:11
2. **Relinquished by:** [signature] on 04-27-16@12() hrs **Received by:** _____
3. **Relinquished by:** _____ **Received by:** _____

Please include signature, date, and time

Lab Use Only:

HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370 • FAX (310) 370-2474

Request For Analysis

Project Number/Purchase Order: 21604001-1

Date Submitted: 04-29-16

Project Contact: L. Sandhu/K.Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21604001-1TM20OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM21	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM22	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM23	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM24	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM25	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
21604001-1TM26	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

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Special Instructions : Random Sampling (Round 4)

1. **Sampled by:** [signature] on 04-29-16@1044 hrs — **Received by:** [signature] 4/29 13:24
2. **Relinquished by:** [signature] on 04-29-16@1324hrs — **Received by:**
3. **Relinquished by:** — **Received by:**

Please include signature, date, and time

Lab Use Only: