HYGIENETECH
Hygiene Technologies International, Inc.

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October 8, 2008

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

Document No. 20809001.6

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Survey
7TH Floor Cubicle 140

Dear Mr. Gau:

On September 30, 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited fungal growth exposure assessment survey in response to an employee's concerns regarding the indoor air quality in and around Cubicle 140 on the 7TH Floor of the California State Board of Equalization (BOE) building. The survey findings, along with the analytical data, conclusions, and recommendations appear below.

On the survey date, air samples were collected for total (viable and nonviable) fungi analyses using a Zefon brand Bio-Pump™ equipped with Allergenco-D™ 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 20809001-303, the airborne spore count data recorded showed common spore types outdoors such as ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Oidium*, smuts, *Stachybotrys*, *Torula*, unidentified mitosporic fungi, and unidentified zygomycetes, with *Cladosporium* predominating. At Cubicle 140, the data showed low airborne concentrations of common fungal spores that included basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, rusts, and unidentified mitosporic fungi. The distribution of fungal spore types detected in the surveyed area was consistent with those found outdoors, and the overall datum within the tested area was well below the overall datum recorded outdoors. 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 exposure potentials that existed at the time the survey was performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. 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 survey.

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 20809001-303
AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
SEPTEMBER 30, 2008

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

SAMPLE NUMBER	**20809001-TM501OUTCL**	**20809001-TM502CL**		
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities	Column N19 area; Cubicle 140; about center; approximately five feet above floor/Normal office activities	This column intentionally left blank	This column intentionally left blank
START/STOP	14:30:00/14:35:00	14:40:00/14:45:00		
SAMPLE TIME	5 minutes	5 minutes		
Alternaria				
Ascospores	160			
Aureobasidium				
Basidiospores	360	52		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	3,700	100		
Epicoccum				
Nigrospora				
Oidium	52			
Penicillium/Aspergillus types	940	160		
Rusts		P		
Smuts (Periconia, Myxomycetes)	P			
Stachybotrys	52			
Torula	P			
Trichoderma				
Trichophyton				
Trichosporon				
Ulocladium				
Unidentified mitosporic fungi	570	52		
Unidentified zygomycetes	100			
Hyphal fragments				
Background particulates*	Moderate	Moderate		
TOTAL**	5,900	360		

P = Spores present

*Background particulates is an indication of the amount of non-biological particulate matter present on the media and is graded (from least to greatest) as very light, light, moderate, heavy and very heavy.

** 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.

BIO HYGIENE Laboratories

2200 Amapola Ct., Suite 102
Torrance, CA 90501
(310) 618-0400 (310) 618-9400 fax

FINAL REPORT: Total Fungal Spore Trap Count

PROJECT NUMBER: 20809001

Hygiene Technologies International, Inc.

Attention: Wes Frey
4330 Auburn Blvd. Suite 1850
Sacramento, CA 95841

LABORATORY ID NUMBER: 0810001
Received Date: October 01, 2008
Report Date: October 01, 2008

Customer Sample Number: - TM501OUTCL | **Method:** M101.1 | **Date Of Analysis:** 01-Oct-08 | **Detection Limit:** 52 Spores/M^3
Background: Moderate particulates | **Sample Intact:** Yes

Genus (species)	Raw Count	Total Spores / M^3	Comment
Ascospores	3	160	
Basidiospores	7	360	
Cladosporium	71	3700	
Oidium	1	52	
Penicillium/Aspergillus types	18	940	
Pollen	1	52	
Smuts/Myxomycetes		P	
Stachybotrys	1	52	
Torula		P	
Unidentified mitosporic fungi	11	570	
Unidentified zygomycetes	2	100	
TOTAL	**114**	**5900**	

Customer Sample Number: -TM502CL | **Method:** M101.1 | **Date Of Analysis:** 01-Oct-08 | **Detection Limit:** 52 Spores/M^3
Background: Moderate particulates | **Sample Intact:** Yes

Genus (species)	Raw Count	Total Spores / M^3	Comment
Basidiospores	1	52	
Cladosporium	2	100	
Penicillium/Aspergillus types	3	160	
Rusts		P	
Unidentified mitosporic fungi	1	52	
TOTAL	**7**	**360**	

P = Spores Present < (less than) = measurement below the reporting limit

Rounding: Note that all reported counts have been rounded to two significant figures based on the sampling and analytical methods used. BioHygiene Labs rounds such that if the last significant digit is an even number, then the result is rounded down to that digit; if the last significant digit is an odd number, then it is rounded up to the nearest even number. Thus the TOTAL may not equal the sum of the individual counts per column. TOTAL rows do not include pollen.

Background is graded as Very Light (0 - 10%), Light (>10 - 30%), Moderate (>30 - 70%), Heavy (>70 - 90%), and Very Heavy (>90%) Particulates as a percentage of the trace area.

APPROVED: Rupa Aryal **DATE:** 10.01.08
Name Rupa Aryal **Title:** Lab Manager

HYGIENE TECH - 08100001

Hygiene Technologies International, Inc.

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Request For Analysis

Project Number/Purchase Order: 20809001 Date Submitted: 9/30/08

Project Contact: Chun Lan / Wes Frey Turnaround Required: Rush by Noon

Lab Destination: Biohygiene Lab Contact: Dr. Rupa

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20809001 - TM501OUTCL	75L	Allergenco D	M101.1
↓ -TM502CL	↓	↓	↓

10.01.08

Special Instructions:

1. Sampled by: C L Lo 9/30/08 1445 Received by: 10.01.08
2. Relinquished by: C L Lo 9/30/08 1700 Received by: M Mehta Lan 7:01 9/30/08
3. Relinquished by: M Mehta Lan 9/30/08 17:30 Received by: R Gallegos 10.01.08 7:21 am
4. Relinquished by: R Gallegos (-TM502CL) 10.01.08 7:45 Received by: A Ventura 10.01.08 (-TM502CL)

Please include signature, date, and time

Lab Use Only: *Spoke to Makka on 10.01.08 -TM502OUTCL ~~should be~~ shald be labeled -TM501OUTCL on cassette er.

Completed on 10.01.08 BOOK 3227 p.291 (-TM502CL) LR
Completed on 10.01.08 Book 3224 p50 (-TM501OUTCL) KL