2-day IEQ & Mold Assessment Workshop: Practical Solutions in Hot & Humid Climates

Dear Sir/Madam,

R.O.S.E. Environmental Limited was established in 1996 and is a premier provider of Environmental and Industrial Hygiene monitoring equipment and services. As part of our commitment to delivering quality work and adding value to our customers' operations we continue to offer professional development training courses to assist with developing relevant competencies.

For well over 12years, we have been hosting successful professional development training courses, including BOHS accredited OHTA Industrial Hygiene Technician Courses, CAOHC Audiometric, and NIOSH approved Spirometry accredited courses. We continue to offer awareness training and workshops to address challenges with indoor air quality and mold in tropical humid climates. As such, within our course offering for 2024, we propose our 2-day workshop titled **"IEQ & Mold Assessment, Practical Solutions in Hot & Humid Climates)"** on our training agenda for 2024.

We spend greater than 90percent of our time indoors, so the quality of indoor air and the indoor environment is a significant influence on the health of occupants. It is widely recognized that maintaining good indoor air quality in the workplace leads to significant benefits in terms of good health, decreased absenteeism, increased productivity, motivation of staff, and reductions in non-productive time. Mold inspection and testing has also rapidly increased over the last few years, as a response to greater concern for building air quality. We have received many requests for training in this area, and we are very pleased to offer a workshop that has been so designed.

Who is this course for?

Working technicians and technologists in occupational hygiene, health and safety personnel interested in introducing or enhancing their Occupational Hygiene and Health surveillance within the workplace, facilities management companies, HVAC consultants and engineers, building inspectors, and mold remediation personnel. Company union representatives have also benefited from this offering, who represent and defend the views and concerns of his/her fellow employees for occupational and environmental health concerns in the workplace environment.

Course Objectives:

- To have participants become familiar with the basic principles of indoor air quality.
- To provide insight into fungal flora and the indoor environment, including building materials, risks for indoor growth, fungi characteristics, health effects, and control.
- To introduce indoor environmental monitoring and sampling techniques.
- To provide insight into the availability and use of developed standards/guidelines/regulations/scientific research proposed for the interpretation of indoor environmental quality and fungi data, as applicable.

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Directors: Glen A. Thompson
David M. Thompson
Paul J. Thompson
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Learning Outcomes:

- Introduction to Indoor Environmental Quality (IEQ) and Mold assessments.
- Factors affecting indoor air quality.
- Potential effects of IAQ.
- Air pollutants, pathways and controls.
- Managing moisture and mold contamination.
- Other microbial contamination in buildings.
- Specialist application - *Legionella*
- Standards, Guidelines and Regulations.
- Measurement and sampling techniques.
- Interpreting IAQ Data (qualitative and quantitative) and laboratory microscopy results.
- Resolving IAQ problems, utilising case studies.
- Mold remediation with post-remediation verification (PRV) assessment protocols.

Course Delivery:

The course will be conducted over two (2) consecutive business days. The training will be via MS Teams and will be PowerPoint-based, with instructor-led hands-on training. Each participant will receive electronic handouts which include copies of all slides presented and any reference material.

- July 15 (Monday) – ***Day 1***: 8:00am – 4:00pm. Covers theory material. ***Via MS Teams.***
- July 16 (Tuesday) – ***Day 2***: 8:00am – 4:00pm. Equipment practical sessions, review of sampling/assessment methodologies & evaluation criteria, data analyses and interpretations. Can include case studies. ***Hybrid via MS Teams and in-person (***Technical Services Department Training Room, R.O.S.E. Environmental Limited, 80 Carli Bay Road, Perseverance Village, Couva).

Course Certification:

On successful completion, the participant will be required to pass and in-house 20-question multiple choice of written examination, in order to receive an Award of Successful Course Completion Certificate from the Training Provider.

Course Faculty:

ROSE Environmental Limited hosts our courses and workshops with lecturer facilitation via WSP. Mr. Andreas Wagner, CIH, ROH, will be the Training Program Director for all courses offered by WSP for ROSE Environmental Limited, and will also be the lead instructor. Mr. Wagner is a Senior Vice President and Industrial Hygiene Practice Leader at WSP. His thirty-four (34)) years of consulting experience includes: expert witness testimony, asbestos/lead/silica/PCB control and abatement, microbial assessments and remediation, indoor air quality and odor evaluations, vapour intrusion studies, occupational hygiene projects, and training.

Mr. Wagner will be assisted by Application Specialists of the Project Services Department from ROSE Environmental Limited, Ms. Elizabeth Seebaran, CIE, ICertOH. Ms. Elizabeth Seebaran currently applies her knowledge in the field of environmental and occupational health, for over 12years. Her experience has included consultancy and execution for over 50 routine and investigative indoor environmental quality projects, with biological sampling and mold remediation assessments, including that of a client project research study on assessing the effectiveness of UV germicidal irradiation on mold and bacteria colonies for Air Handler Units,

as well as presenting a case study paper on "*the elusive Chaetomium mold, an investigative case study*" at the IAQA 23rd annual meeting at West Palm Beach, Florida in February 2020. Her competencies also include asbestos containing materials (ACMs) risk assessments, lighting, basic ergonomic assessment and noise surveys, as well as other aspects of exposure and screening assessments for industrial hygiene applications. She has co-facilitated on other indoor environmental quality workshops and has also been factory trained for Mycometer® rapid microbial assessment in fungi and bacteria applications. Her education and professional certifications include: A Master of Science in Environmental Engineering, and Certified Indoor Environmentalist, board certified with the American Council and Accredited Certification (ACAC), USA.

Costing:

TT $3,873.00 or US$570.00 (VAT exclusive).

The costing covers all the fees necessary for course delivery, approval and individual attendee certifications, and hence represents a complete theoretical and practical course package. It also includes breakfast, lunch and coffee breaks for the in-person Day 2.

Registration Forms should be filled out and emailed to garyt@roseenvironmental.net, nadine@roseenvironmental.net, **and** elizabeth@roseenvironmental.net **as soon as possible, no later than Tuesday 2nd July 2024. Payment will also be due in advance on or before Tuesday 9th July 2024. Cancellations of registration during the period Wednesday 10th to Friday 12th July will incur a 50% charge of the cost of the program for which registered.**

PLEASE NOTE, THERE WILL BE NO REFUNDS FOR CANCELLATIONS OF REGISTRATIONS AFTER FRIDAY 5th JULY 2024.

We look forward to hosting your company at this very important course and to the development of Occupational Health best practices in Trinidad and Tobago.

Sincerely,

Gary Teixeira

Gary Teixeira
CEO

cc. Elizabeth Seebaran, CIE, ICertOH – Application Specialist, Project Services
cc. Nadine Yearwood – Technical Assistant, Project Services