



**Re: International Occupational Hygiene Certification – W505 Control of Hazardous Substances**

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 Occupational Hygiene related Professional Development Training Courses, in order to assist with developing relevant "in house" competencies.

For well over 10 years ROSE Environmental has been hosting successful training courses and workshops in Occupational Hygiene and Indoor Air Quality. In 2012, we commenced an initiative to introduce the OHTA (Occupational Hygiene Training Association) training program with the objective of developing an international level of Industrial Hygiene skills and understanding, to support our industries here in Trinidad and Tobago. The OHTA was formed to better promote standards of occupational practice throughout the world. The Association promotes an international qualifications framework so that all hygienists can be trained to a consistent, high standard, recognized in all participating countries. Courses currently offered include:

1. **Fundamental Basic Level OHTA module**
  - a. W201 Basic Principles in Occupational Hygiene
2. **Four core Intermediate Level OHTA modules**
  - a. W501 Measurement of Hazardous Substances
  - b. W505 Control of Hazardous Substances
  - c. W507 Health Effects of Hazardous Substances
  - d. W503 Noise – Measurement and its Effects
3. **Two optional OHTA modules:**
  - a. W506 Ergonomics Essentials
  - b. W504 Asbestos and Other Fibres
  - c. W502 Thermal Environment

We propose to offer one of the core occupational hygiene courses, **W505 module, "Control of Hazardous Substances"** on our training agenda for 2023.

**Who is this course for?**

Working technicians and technologists in occupational hygiene, requiring the technical knowledge and hands-on practical training on principles in occupational hygiene.

**Overall Objectives:**

- To provide persons with the opportunity to increase competencies within specific individual fields of Industrial Hygiene.
- To provide persons with an opportunity to pursue the *International Occupational Hygiene Certificate* (see below).

### **W505 Course Aims:**

- To describe the ways in which exposure to hazardous substances arises in the workplace, and to introduce the methodologies and technologies available to control exposures and thereby reduce risks to health.

### **W505 Course Learning Objectives:**

On completion of this module, participants should have a basic understanding to:

- Describe how airborne contaminants are generated by industrial processes, how these impacts on the control strategy, and how control solutions can thereby be optimized.
- Recognise the range of approaches to risk reduction embodied in the hierarchy of control and select appropriate strategies for implementation.
- Describe the meaning of “adequate control” particularly in relation to personal exposures.
- Discuss the importance of design considerations in terms of the workplace, process, and plant, as a means of reducing occupational exposures.
- Describe the principal elements of a local exhaust ventilation system, give examples of typical installations and know how to carry out the necessary measurements to assess whether a local exhaust ventilation system is effective and operating to the design specification.
- Recognise the limitations of local exhaust hoods and enclosures, and the means to optimize their effectiveness.
- Describe how personal protective equipment programs may be used in an effective manner.
- Recognise the impact that control measures may have on other workplace hazards and understand the need to take a holistic approach to the design of control solutions.

### **Course Delivery:**

The Module will be delivered mostly virtually via the MS Teams platform with one (1) in-person practical day at the ROSE training room located at its Technical Services Department building at #80 Carli Bay Road, Perseverance Village, Couva. The module will consist of a 40-hour delivery period as follows:

- **Day 1 – January 16<sup>th</sup> (virtual)** 8:30am to 5:30pm
- **Day 2 – January 17<sup>th</sup> (virtual)** 8:30am to 5:30pm
- **Day 3 – January 19<sup>th</sup> (virtual)** 8:30am to 5:30pm
- **Day 4 – January 24<sup>th</sup> (practical)** 8:30am to 5:30pm
- **Day 5 – January 25<sup>th</sup> (virtual)** 8:30am to 3:30pm
- **Day 6 – January 27<sup>th</sup> (virtual)** 8:30am to 12:30 pm – Exam Day

The classes are taught in small groups with opportunities for interaction. Persons are additionally required to demonstrate that they can carry out basic practical assessments under the supervision of the course tutors. The BOHS exam will also be conducted online, fully virtually.

### **Course Certification:**

**Part A:** Participants can opt to complete specific identified OHTA Modules suitable to their Job Descriptions, Manager’s Requests or personal interests, or skill requirements.

On successful completion, the participant will receive:

- A participation certificate from ROSE/Golder, indicating completion of the course, regardless of passing the course exam; and
- A certificate of Award of Successful Course Completion from British Occupational Hygiene Society (BOHS) for the module, upon passing the proctored course examination.
- For participants also interested, attendance and successful completion can also earn 40 contact hours of formal Industrial Hygiene training towards qualification to sit for the Certified Industrial Hygienist (CIH) exam.

**Part B:** Participants who decide to complete all four (4) core modules and the two (2) optional modules will now be eligible to apply for the **International Occupational Hygiene Certification**. To pursue this, the participant is directed to: [International Certificate in Occupational Hygiene \(ICertOH\) - British Occupational Hygiene Society \(BOHS\)](#)

Once successful on obtaining the International Certificate, ICertOH, participants can now use this notation in their respective signature block.

### 2022 Proposed Course Dates

Course(s)	Dates	Costing TTD (VAT Exclusive)
<b>W505 Control of Hazardous Substances</b>	<b>January: 16<sup>th</sup>, 17<sup>th</sup>, 19<sup>th</sup>, 24<sup>th</sup>, 25<sup>th</sup>, 27<sup>th</sup></b>	<b>\$8,864 (with BOHS exam)</b>
		<b>\$6,900 (without BOHS exam)</b>
W201 Basic Principles in Occupational Hygiene	March: 20 <sup>th</sup> , 21 <sup>st</sup> , 23 <sup>rd</sup> , 28 <sup>th</sup> , 31 <sup>st</sup>	\$6,830 (with BOHS exam)
		\$4,866 (without BOHS exam)

### Course Faculty

ROSE Environmental Limited hosts these OHTA courses with lecturer facilitation via Golder.

Golder was one of the first international industrial hygiene consulting firms to be an approved training provider for the OHTA courses. Since 2010, Golder has offered numerous principal and intermediate level OHTA courses throughout the world to more than 800 students to date. Golder also routinely facilitates client or company specific modified OHTA training courses.

Mr. Andreas Wagner, CIH, ROH, will be the Training Program Director for all courses offered by Golder for ROSE, and will also be the lead instructor. Mr. Wagner is a Principal and Industrial Hygiene Practice Leader at Golder, with over 30 years of Industrial Hygiene consulting experience. He has been a lead instructor for numerous principal and intermediate level OHTA training courses offered by Golder for over 10 years and will be responsible for the coordination between Golder and ROSE instructors, including for the hands-on sessions for this particular OHTA module offering.

**Event Information:**

Module: W505: Control of Hazardous Substances

Date & Time: January: 16<sup>th</sup>, 17<sup>th</sup>, 19<sup>th</sup>, 24<sup>th</sup> 25<sup>th</sup>, 27<sup>th</sup>  
(40 hours course delivery)  
(27<sup>th</sup> January exam day)

Venue: Virtually including the BOHS Exam, with an on-site 1-day practical.

Facilitators: Golder - Mr. Andreas Wagner, CIH, ROH  
With support from Golder and ROSE Environmental Limited

Cost Options: **TT \$8,864.00 or US\$1,304.00 (VAT exclusive)**  
**Includes BOHS Exam**

**TT \$6,900.00 or US\$1,015.00 VAT exclusive**  
**Exclusive of BOHS Exam**

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.

Please see attached Module Description for W505: Control of Hazardous Substances, along with the proposed Course Agenda, and the Registration Form.

**Registration Forms should be filled out and emailed to [garyt@roseenvironmental.net](mailto:garyt@roseenvironmental.net) as soon as possible, no later than Friday 6<sup>th</sup> January 2023. Payment will also be due in advance on or before Friday 6<sup>th</sup> January 2023.**

**PLEASE NOTE, THERE WILL BE NO REFUNDS FOR CANCELLATIONS OF REGISTRATIONS AFTER FRIDAY 6<sup>TH</sup> JANUARY 2023.**

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