

Online OHTA International Certificate Course W 501 - Measurement of Hazardous Substances, Oct 14-22, 2022

Online Exam per BOHS

(Scheduled for December 2022: W 502 - Thermal Environments)



Assess exposure to hazardous substances
How exposure information can be used to assess risk
Select appropriate equipment and sampling strategy
Interpret and present results
Relevant legislation

Offered by

RECOH EHS SERVICES



OHTA is supported by IOHA
nayati International

Salient Features of the course

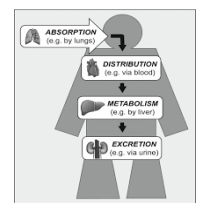
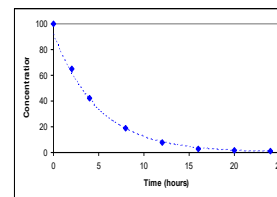
Risk Assessment

Process of assessing risk, actions, records and management
workplace sampling strategies, Routine monitoring
Survey design, sampling patterns, practicalities of sampling program
Personal sampling - breathing zone, operator variability
Area sampling, Background, surface sampling, confined space



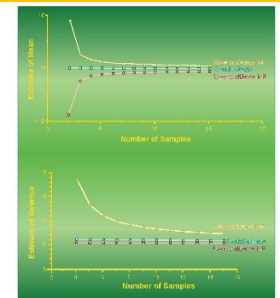
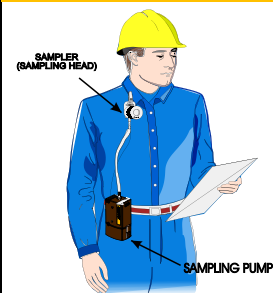
Hygiene Standards, Biological monitoring

Principles of setting of standards
TLVs and terminology and units, mixtures, Units of measure
Notations, BEIs, Carcinogenicity, sensitization, skin
Application of standards, local and international standards
Fundamentals of Biological monitoring, Direct and Biological effect
Half life, specimen acceptability, sampling time
Biological standards, Exposure indices



Air sampling - Theory and Practice

Sampling strategies, surveys, routine monitoring
Survey design, sampling patterns, practicalities of sampling program
Non sampling approaches, practicalities of sampling programmes
Area sampling, Background, surface sampling, confined space
Personal sampling - breathing zone, operator variability
Confined spaces and monitoring in confined spaces



Air sampling Equipment and sample analyses

Sampling pumps, capture devices, calibration and calculations
Sampling for Dusts, Fumes and Fibers, selection guide
Sampling for gases and vapors, Passive sampling, Mixed exposures
Calculation of results for active and passive sampling
Direct read instruments, limitations and calibration
Intrinsic safety of instruments, Detector tubes.
Sample analyses - Method sensitivity, sources of methods, QA



Practical Sessions

Online demonstration of relevant measurement equipment and their use
Calculations, interpretations of results and candidate assessments

Register [Click to Register](#)

Contact

Shrenik M Ranpura CIH CSP, +91 - 9742527527, shrenik.ranpura@recohehs.com

Lalitha Burra, Ph.D CIH, +91-9959605980, lalitha@nayati.org

OHTA – BOHS ON LINE TRAINING

Internationally Recognized Certificate Courses

Course Name

W501 (Measurement of Hazardous Substances)

Online Training Date & Time

October 14-22, 2022 **6.30 pm to 11pm IST**

Online Exam on October 21, Friday, 4 PM, IST

Practical Examination

One day dedicated to conduct online practical as per OHTA guidelines
Exams will be conducted online as per BOHS guidelines

Course fee

₹ 28,000 per module per person

Course fee inclusion

Online training	BOHS Exam fee
Online practical training and assessment	Online exam

Last Date for Registration

October 8, 2022 Maximum Capacity: 15 participants

Course Registration link

[Click to Register](#)

Online training platform

Microsoft teams

Completion Condition

Attend online training, practical sessions and assessment
Take BOHS exam online & pass exam as evaluated by BOHS

Faculty



Shrenik Ranpura, CIH, CSP
Global EHS Leader
RECOH EHS Services LLP,
India



Lalitha Burra, Ph.D., CIH
Director
nayati International, India

Payment Details

Please call for details. (M: +91 9959605980)

Additional Details

While all efforts will be made to conduct the course as scheduled, organizers can cancel or reschedule the course under unforeseen circumstances. If course is cancelled, fee paid will be refunded.

Course is offered by



Completed Online OHTA Modules

- | | |
|--|--|
| <input checked="" type="checkbox"/> W201 Basic Principles in OH | <input checked="" type="checkbox"/> W 502 - Thermal Environment |
| <input checked="" type="checkbox"/> W506 Ergonomics Essentials | <input checked="" type="checkbox"/> W507 Health Effects of Haz. Substances |
| <input checked="" type="checkbox"/> W503 Noise - Measurement and its effects | <input checked="" type="checkbox"/> W501 Measurement of Haz. Substances |
| | <input checked="" type="checkbox"/> W505 Control of Hazardous Substances |

Please Click below to give your input to schedule courses of your interest
[Request OHTA Module](#)

Insight from Attended Participants

Your practical experience on subject and example sharing during session made this technical subject easy to understand - Thank you
Never thought that online practical will be so interesting covering 360 degree view of equipment operation and applicability
Very professionally organized - timely receiving of handout, PPT, agenda, overnight questions, mock exam and paying attention to each query.