

# Key Features of Online BOHS/OHTA W505 Course

## Control of Hazardous Substances, February 19-26, 2021

<b>Online Course Aim</b>	Learn methodologies available to control exposure	<b>Offered By</b>  RECOH EHS Services LLP  nayati International
	Select control strategies & design consideration	
	Recognize range risk reduction approaches	
	Describe elements of local exhaust ventilation system	
	LEV system measurements and trouble shooting	

### What is in the course? (Participant's Learning)

#### Understanding control principles and strategies

- 1 Understand source generation & level
- 2 Identify source, determining control type & implementing control
- 3 Determining control strategy from control banding tools
- 4 Understanding common process and source
- 5 Process design & principles



#### Understanding ventilation system

- 1 Types – Supply and exhaust
- 2 LEV component – Hood, duct, air cleaner, fan, stack & purpose
- 3 Understanding terminologies – Velocity, VP, SP, Vol. Flow rate (Q)
- 4 Understanding velocity – capture, face, transport, stack
- 5 Design principle for different types of hood, duct, fan and velocity
- 6 Performance measurement for LEV
- 7 Measurement tool – Anemometer, pitot tubes, smoke tube
- 8 Calculation - Design and measurement

#### Use of Anemometer & Pitot tube



#### Flow visualization



#### Half suit isolator (image from BOHS module)



#### Respirator fit & glove test



#### Containment principles

- 1 Use and Level of containment – primary & secondary
- 2 Using multiple containment to reduce risk
- 3 Containment option for solid and liquid transfer
- 4 Containment equipment type – enclosure, screens, isolators, over-bagging, transfer devices, coupling devices, remote handling
- 5 Design of containment systems
- 6 Operation and maintenance of containment devices

#### Personal Protective Equipment

- 1 PPE types, limitation, use, care and storage
- 2 Respiratory type, protection factor and breathing air quality
- 3 Respirator medical evaluation and fit testing
- 4 Chemical protective clothing – types, style, size, test, use and decontamination procedure
- 5 Administrative control – Procedure, training

#### Industrial Hygiene Case Studies

**Reg. Link** <https://meeting.zoho.in/meeting/register?sessionId=1313859206>

#### Contact

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## OHTA – BOHS ON LINE TRAINING

### Internationally Recognized Certificate Courses

Course Name	<b>W505 (Control of Hazardous Substances)</b>
Online Training Date & Time	<b>February 19-26, 6:30 PM to 11 PM, IST</b>
Practical Examination	<b>Online Exam on February 26, 4 PM, IST</b>
Course fee	One day will be dedicated to conduct online practical as per BOHS guidelines Exams will be conducted online as per BOHS guidelines
Course fee inclusion	₹ 28,000 all inclusive (\$350 USD) per person (no extra GST)
Last Registration Date	Online training BOHS Exam fee
Course Registration link	Online practical training and assessment Online exam
Online training platform	<b>15th February</b> <b>Maximum Capacity</b> 15 participants
Completion Condition	<a href="https://meeting.zoho.in/meeting/register?sessionId=1313859206">https://meeting.zoho.in/meeting/register?sessionId=1313859206</a>
Faculty	Microsoft teams Attend online theory, practical training and assessment Give BOHS exam online & pass exam as evaluated by BOHS
Payment Details	<div>  <div> <b>Shrenik Ranpura</b>, CIH, CSP Global EHS Leader RECOH EHS Services LLP </div> </div> <div>  <div> <b>Lalitha Burra</b>, Ph.D., CIH Director Nayati International, India </div> </div>
Additional Details	<b>Bank Name</b> : INDIAN BANK <b>Name</b> : NAYATI INTERNATIONAL <b>Saving A/C</b> : 7 0 4 0 6 9 5 9 8 <b>IFSC Code</b> : IDIB000S013 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	<b>RECOH EHS Services LLP</b> 
Our Completed Online BOHS-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 & effects <input checked="" type="checkbox"/> W501 Measurement of Haz. Substances
Upcoming BOHS -OHTA Modules	<b>Apr-21</b> - W 506 <b>June-21</b> - W 507 Ergonomics Essentials      Health Effects of Hazardous Substances Please Click below to give your input to schedule courses of your interest <a href="#">Request OHTA Module</a>
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.