

Online BOHS International Certificate Course

M 501 - Measurement of Hazardous Substances, Feb 23 - March 3 , 2024

Online Exam per BOHS



General approach to health risk assessment,
 Selection of appropriate equipment to measure
 airborne concentrations, sampling strategy
 Present results help risk assessment and help
 management to comply with legislations

Offered by



M 501 - Salient Features

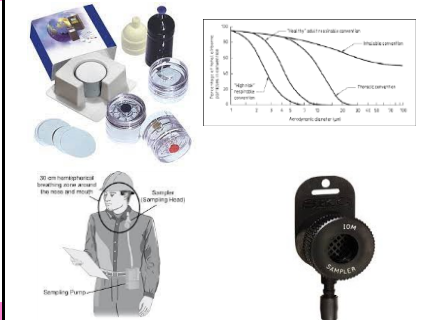
Risk Assessment

Define hazard and risk interms of chemical safety
 Relation between risk, hazard and exposure, make judgements about risk
 based on health effects, physico chemical properties, measurement data
 Use risk assessment to decide appropriate actions to protect worker health
 Record measurement information and understant the role in occupational health



Air Sampling theory and practice

Devise appropaite sampling stratergies to provide useful data for decissions
 Workplace sampling strategies - importance to gain representative results
 Types of surveys, routine monitoring, statistic analysis, interpretation of results
 Survey Design- non sampling, sample numbers, acute and chronic effects, TLVs
 Personal sampling, sample heads, Area sampling, particle size, properties
 Surface measurements, techniques, XRF, settling rates, assessing skin exposure
 Confined space hazards, techniques for assessing and monitoring spaces



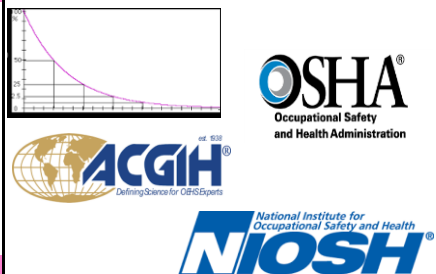
Air sampling Equipment and sample analyses

Types of sampling pumps, fixed volume pumps for detector tubes, their use
 Sampling heads and filters for paticulates, gases and vappurs, sorbent tubes
 Colorimetric tubes, mixed phases, collection efficiency, passive samplers
 Direct reading instruments, intrinsic safety, realtime analysis, particulates, gases
 Calibration of sampling equipment, primary and secondary standards
 Trace level analytical methods, detection limits, sensitivity, methods sources
 Gravimetric analysis weight variation, Microscopy, QA of analysis



Hygiene Standards and calculations, Biological monitoring

Setting of standards and principles of calculations, types of standards
 Standards in other countries, their application, terminology, units, notations
 Limitations, different types of interpretation of standards
 Biological monitoring, effect monitoring, metabolites, target organs
 Half life, sampling times, Biological standards, confidentiality
 Calculation, interpretation and presentation of results



Practical Sessions

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



Register [CLICK TO REGISTER](#)

Contact

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ON LINE TRAINING

BOHS - Internationally Recognized Certificate Courses

Course Name	M 501 (Measurement of Hazardous Substances)								
Online Training Date & Time	Feb 23-March 3, 2024 - 6.30 pm to 11pm IST (exceptions as below) Online Exam: March 1, 4 PM, India time Exams will be conducted online as per BOHS guidelines								
Practical Examination	Practical Sessions and evaluations: March 2-3, 2024 Includes morning and afternoon sessions (from 9.00am India time)								
Course fee	₹ 32,000 per module per person								
Course fee inclusion	<table> <tr> <td>Online training</td><td>BOHS Exam fee</td></tr> <tr> <td>Online practical training and assessment</td><td>Online exam</td></tr> </table>	Online training	BOHS Exam fee	Online practical training and assessment	Online exam				
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Online practical training and assessment	Online exam								
Last Date for Registration	February 15 , 2024 Maximum Capacity: 20 participants								
Course Registration link	CLICK TO REGISTER								
Online training platform	Microsoft teams								
Completion Conditions	Attend online training, practical sessions and assessment Take BOHS exam online & pass exam as evaluated by BOHS								
Faculty	<div>  <div> Shrenik Ranpura, CIH, CSP Global EHS Leader RECOH EHS Services LLP, India </div> </div> <div>  <div> Lalitha Burra, Ph.D., CIH Director nayati International, India </div> </div>								
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	<div>   </div>								
Online BOHS Modules offered	<table> <tr> <td><input checked="" type="checkbox"/> M 200 Basic Principles in OH</td><td><input checked="" type="checkbox"/> M 502 Thermal Environment</td></tr> <tr> <td><input checked="" type="checkbox"/> M 506 Ergonomics Essentials</td><td><input checked="" type="checkbox"/> M 507 Health Effects of Haz. Substances</td></tr> <tr> <td><input checked="" type="checkbox"/> M 503 Noise - Measurement and its effects</td><td><input checked="" type="checkbox"/> M 501 Measurement of Haz. Substances</td></tr> <tr> <td></td><td><input checked="" type="checkbox"/> M 505 Control of Hazardous Substances</td></tr> </table>	<input checked="" type="checkbox"/> M 200 Basic Principles in OH	<input checked="" type="checkbox"/> M 502 Thermal Environment	<input checked="" type="checkbox"/> M 506 Ergonomics Essentials	<input checked="" type="checkbox"/> M 507 Health Effects of Haz. Substances	<input checked="" type="checkbox"/> M 503 Noise - Measurement and its effects	<input checked="" type="checkbox"/> M 501 Measurement of Haz. Substances		<input checked="" type="checkbox"/> M 505 Control of Hazardous Substances
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Upcoming BOHS Modules	<p style="text-align: center;">To Be Announced</p> <p style="text-align: center;">To request a module please email: services@nayayti.org</p>								
Insight from Attended Participants	<p>Your practical experience on subject and example sharing during session made this technical subject easy to understand - Thank you</p> <p>Never thought that online practical will be so interesting covering 360 degree view of equipment operation and applicability</p> <p>Very professionally organized - timely receiving of handout, PPT, agenda, overnight questions, mock exam and paying attention to each query.</p>								

Live On Line Training

Practical Sessions

501- Measurement of Hazardous Substances



502- Thermal Environments



503 – Noise Measurement and its Effects



505- Control of Hazardous Substances

