

Online OHTA International Certificate Course

W 502 - Thermal Environments; December 16-24, 2022

(Online Exam and Certificate of Completion of Course per BOHS)



Principles and Effects of Temperature Extremes
 Thermal Surveys and Thermal Comfort
 Evaluation of Hot and Cold Environments
 Control of Hot and Cold Environments
 Approaches to Risk Assessment

Offered By

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Salient Features

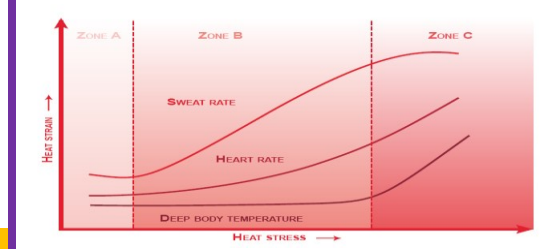
Principles and Effects of Temperature Extremes

Heat Stress, Strain, Thermal Regulation, Responses to heat and cold
 Heat Exchange, Heat Balance equation
 Metabolic Heat Production, Acclamatisation
 Effects of extreme temperatures and predisposing factors



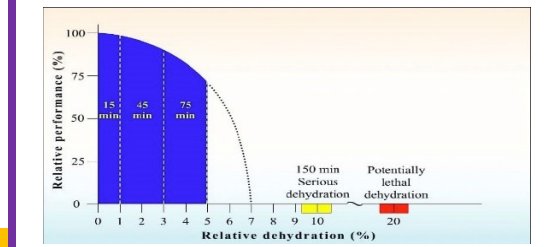
Thermal Surveys and Thermal Comfort

Measurement Equipment, Personal monitoring
 Data Collection and monitoring strategies
 Assessment of degree of risk
 Scales for evaluation of Thermal comfort
 Ideal Indoor environments, Standard for Thermal Comfort



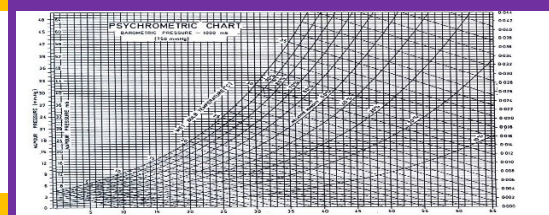
Evaluation and Control of Hot Environments

Use of Heat Stress indices, Physiological measurements
 Evaluation of Thermal Strain
 Effective Temperatures, WBGT, Thermal Work Limit
 Mitigating Factors, Hot surfaces
 Introduction to Control by Engineering and organizational methods



Evaluation and Control of Cold Environments

Wind Chill index, TLV standards, Cold stress indices
 Required Clothing Insulation Index
 Engineering and management controls, Personal factors,
 Use of appropriate clothing, Checklist for working in Cold Environments



Approaches to Risk Assessment

Tiered Approach, Thermal Stress TLVs
 Medical Surveillance
 Quantitative and Qualitative Approaches
 Physiological Assessments



Practical Sessions and Final Online Exam

Use of relevant measuring equipment, Candidate Evaluation
 Online Exam per BOHS





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 ON LINE TRAINING

Internationally Recognized Certificate Courses

Course Name	W502 - Thermal Environments
Online Training Date & Time	December 16-24, 6:30 PM to 11 PM, IST Online Exam on Dec 23, 2022, Friday, 4 PM, IST Exams will be conducted online as per BOHS guidelines
Practical Examination	December 24, Saturday: Practical Sessions and evaluations Includes morning and afternoon (India time) sessions
Course fee	₹ 28,000 per person per module
Course fee inclusion	Online training Online practical training and assessment BOHS Exam fee Online exam
Last Registration Date	Dec 8, 2022
Course Registration link	Maximum Capacity 15 participants Click to Register
Online training platform	Microsoft teams
Completion Condition	Attend online theory, practical training and assessment Give BOHS exam online & pass exam as evaluated by BOHS
Faculty	 Shrenik Ranpura, CIH, CSP Global EHS Leader RECOH EHS Services LLP  Lalitha Burra, Ph.D., CIH Director nayati International, India
Payment Details	Please call for details. (M: +91 9959605980 or + 91 9742527527)
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	 Faster..Better..Smarter 
Completed Online OHTA Modules	<input checked="" type="checkbox"/> W201 Basic Principles in OH <input checked="" type="checkbox"/> W506 Ergonomics Essentials <input checked="" type="checkbox"/> W503 Noise - Measurement and its effects <input checked="" type="checkbox"/> W 502 - Thermal Environment <input checked="" type="checkbox"/> W507 Health Effects of Haz. Substances <input checked="" type="checkbox"/> W501 Measurement of Haz. Substances <input checked="" type="checkbox"/> W505 Control of Hazardous Substances
Upcoming OHTA Modules	To be Announced
Insight from Attended Participants	Please Click below to give your input to schedule courses of your interest Request OHTA Module 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.