

Hybrid Course

OHTA 501 Measurement of Hazardous Substances



29 - 31 July 2026, Online | 3 - 4 August 2026, Offline
Exam : 4 August 2026 (2,5 hrs)



Offline at Swissbellin Hotel, Bogor
Online via Microsoft Teams

2026



Contact Person: +62 852 1585 5253 (Admin)

Hybrid Course

OHTA 501 Measurement of Hazardous Substances

Aims :

- Understand the techniques for assessing exposure to hazardous substances in the workplace.
- Understand how exposure information can be used to assess risk.

You will learn to :

- Describe the general approach to health risk assessment, including the role of atmospheric monitoring.
- Select appropriate equipment to measure specific airborne contaminants and devise a suitable sampling strategy.
- Present the results for health risk assessment purposes to comply with relevant legislation.

Course Content :

- Toxicology Review
- Risk Assessment
- Occupational Exposure Limits
- Air Sampling Theory and Practice
- Dusts, Fumes, and Mists : Health Effects and Sampling Methods
- Gases and Vapours
- Sample Analysis
- Other Sampling Tools
- Biological Monitoring
- Presentation of Results

Include Hands-on Practice for Measurement of Hazardous Substances



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Course Overview

To provide students with a sound understanding of the techniques for assessing exposure to hazardous substances in the workplace and with an understanding of how exposure information can be used to assess risk.

Course Objective

This course aims to transmit the principles of hazardous substances measurement to attendees and provide guidance as to how those principles should be applied.

Course Assessment

Participants will be assessed with open book online examination of multiple choice questions (2,5 hours).

Course Delivery :

Bahasa Indonesia.

Course Duration :

Total of 5 Days (3 days online and 2 days offline).



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Facilitator:



Elsye As Safira, SKM, MKKK, MSc, CIH, CIHS

Sr. Industrial Hygienist
25+ years experience in oil and gas industry and OHS Consultant



Mariena Syamsu Umar, ST, MSc, CIH, CIHS

Sr. Industrial Hygienist
15+ years experience in oil and gas industry and OHS Consultant



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Benefits :

- ✓ Student Manual & Slides (softcopy)
- ✓ EASindo Certificate of Attendance (softcopy)
- ✓ OHTA Course Completion Certificate issued upon passing the examination.
- ✓ Fullday Meeting Package at Hotel (lunch & coffee break) during offline session.
- ✓ Learn directly from a nationally and internationally Certified Industrial Hygienist and HSE professional with over 25 years of various industry experience.
- ✓ Gain practical insights and real-world solutions from diverse workplace environments and practical challenges in workplace settings.

The course is designed to provide opportunities for active participation through case studies, group discussions, etc.

Course Fee : **Rp. 11.000.000,-**
Include exam fee of £100 (Pounds)

Notes :

- Exclude accomodation.
- Minimum 10 participants required for the course to proceed.



Form Registration :
bit.ly/OHTA501-EASindo

*Registration closes on Sunday, 19 July 2026



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