

This course instructs employees who work in areas containing airborne contaminants and atmospheric hazards on the proper selection, use and maintenance of air-purifying and air-supplied respirators.



Topics Include: Participants will learn how to identify airborne contaminants, measure levels and compare them against acceptable Threshold Limit Values. We will identify different forms of airborne contaminants, their sources and effective controls. Participants will review the Industrial Hygiene sections of Regulation 851, Control of Exposure to Biological or Chemical Agents Regulation 833, Designated Substances Regulation 490 and (M)SDS. Finally, participants will be informed of the fit testing protocol and how to properly don and doff a respirator, performing a user seal check, each time it's worn.



Learning Outcomes:

Upon successful completion of this course, participants will be able to:

- 1. Identify various types of airborne contaminants and their sources
- 2. Recognize hazards specific to these environments and agents
- 3. Assess hazards, provide input on appropriate control measures and select the proper Personal Protective Equipment
- 4. Identify exposure levels appropriate for their environment
- 5. Have a thorough understanding of appropriate regulations.
- 6. Identify the different applications for Air-Purifying Respirators, Air-Supplied Respirators and Escape-Only Respirators
- 7. Identify the different classifications of NIOSH-approved filters and cartridges
- 8. Understand the importance of medical screening and assessment prior to using respirator devices
- 9. Have a thorough understanding of proper Fit Testing standards for using respiratory devices



Evaluation:

- Written quiz
- Minimum grade of 80% is required to pass this course
- Successful graduates will receive a 3-year Wallet Card





Respirator Selection, Use & Maintenance

WhoShould / Must Attend This Course:

- All supervisors of workers who use respirator devices, regardless of their complexity
- All workers who use respirator devices, regardless of their complexity

Additional Information About This Course:

- A simple **paper dust mask** is considered to be a tight-fitting, air-purifying respirator that requires training and fit testing (as prescribed by the CSA).
- Fit testing must be undertaken every two years, per the CSA Standard
- This requirement is not void when the employer deems the use as voluntary
- Fit testing and training is not exclusive to hospitals and health care settings



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- 1. Spill Containment, Control & Disposal
- 2. Asbestos Hazard Awareness
- 3. Confined Space Entry & Rescue
- 4. WHMIS 2015 after GHS
- 5. Transportation of Dangerous Goods 2015





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