

Landfill Operations Basics (LOB)

Through interactive classroom exercises, discussions, and case studies, this updated Canadian course reviews up-to-date basic landfill operations processes and how they relate to one another, increasing effectiveness and safety on the job.



Upon completion of this 2-day course, participants should understand:

- The role of the sanitary landfill as a component of an integrated solid waste management system
- Key functions and associated processes within landfill operations
- The basics of landfill gas and leachate management and groundwater monitoring
- Essentials of equipment selection, cell construction and litter management
- The fundamentals of accident prevention

WHO SHOULD ATTEND?

Landfill owners, operators, managers, supervisors/foremen, scalehouse operators, equipment operators, spotters, labourers and other employees responsible for daily landfill operation.

COURSE CONTENT

The course manual is *Landfill Operations Basics – Canadian Edition*. The manual details the following topics with supplemental images, graphs and examples for participants to discuss and serves as an on-the-job reference resource.

- The Sanitary Landfill in Integrated Solid Waste Management
- Gate Attendant & Scalehouse Operations
- Spotting and Waste Screening
- Equipment Selection and Maintenance
- Cell Construction & Compaction
- Litter Control
- Landfill Safety
- Special Operating Concerns
- Landfill Gas Generation and Management
- Leachate Production and Management
- Groundwater Monitoring