

Landfill Operations Basics

Through interactive classroom exercises, discussions, and case studies, this updated 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 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, laborers and other employees responsible for daily landfill operation.

COURSE CONTENT

The course manual is *Landfill Operations Basics*. This 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*
- *Hard-to-Handle Wastes*
- *Special Wastes*
- *Nuisance and Health Issues*
- *Landfill Gas Generation and Management*
- *Leachate Production and Management*
- *Groundwater Monitoring*

