



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

Mobile: +254 721 214 795

Email: info@pebblesinstitute.org

Agricultural And Farm Worker Safety

Duration: 5 days

On-Site

01 Who Should Attend

- This course is ideal for;
- Farm owners and managers
- Agricultural workers
- Farm equipment operators
- Livestock handlers
- Pesticide applicators
- Safety officers
- Agricultural extension agents
- Students of agricultural science
- Individuals interested in farm safety
- HR managers
- Compliance officers
- Veterinary technicians
- Seasonal farm workers



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

Mobile: +254 721 214 795

Email: info@pebblesinstitute.org

02 About the Course

Agricultural and Farm Worker Safety training equips professionals and workers with the methodologies to minimize risks and prevent injuries in agricultural settings. This course focuses on analyzing farm-specific hazards, implementing safe work practices, and understanding the impact of effective safety protocols on worker well-being and productivity. Participants will learn to utilize personal protective equipment (PPE), develop emergency response plans, and understand the intricacies of machinery safety and chemical handling. By mastering agricultural and farm worker safety, professionals can enhance workplace safety, reduce agricultural accidents, and contribute to the creation of a secure and compliant farming environment.

The unique challenges of agricultural work demand a comprehensive understanding of safety practices and hazard management. This course delves into the nuances of machinery operation, chemical handling, and environmental hazards, empowering participants to develop and implement tailored safety programs. By integrating practical safety techniques with regulatory knowledge, this program enables individuals to lead agricultural safety initiatives and contribute to a culture of safety and excellence.



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

Mobile: +254 721 214 795

Email: info@pebblesinstitute.org

03 Workshop Objectives

- Understand the principles and importance of agricultural and farm worker safety.
- Implement techniques for conducting farm-specific hazard assessments and risk analyses.
- Understand the role of personal protective equipment (PPE) in agricultural safety.
- Implement techniques for selecting and utilizing appropriate PPE for farm work.
- Understand the principles of safe machinery operation and maintenance.
- Implement techniques for developing and implementing safe chemical handling and pesticide application procedures.
- Understand the role of livestock handling and animal safety in farm operations.
- Implement techniques for developing and implementing emergency response plans for farm incidents.
- Understand the legal and regulatory requirements related to agricultural safety.
- Implement techniques for conducting farm safety audits and inspections.
- Understand the challenges and opportunities of ensuring safety in diverse agricultural settings.
- Understand the role of employee training and participation in farm safety.
- Develop strategies for continuous improvement in agricultural and farm worker safety.

04 Module Topics

Module 1: Foundations of Agricultural Safety

- Principles and importance of agricultural and farm worker safety.
- Understanding the relationship between farm hazards and safety.
- Benefits of effective agricultural safety programs.
- Historical context and evolution of farm safety.

Module 2: Farm Hazard Assessment and Risk Analysis



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

Mobile: +254 721 214 795

Email: info@pebblesinstitute.org

- Techniques for conducting farm-specific hazard assessments and risk analyses.
- Implementing hazard identification methods (farm surveys, equipment inspections).
- Utilizing risk matrices and risk scoring techniques.
- Managing hazard assessments.

Module 3: Personal Protective Equipment (PPE)

- Role of personal protective equipment (PPE) in agricultural safety.
- Understanding different types of PPE (respirators, gloves, eye protection).
- Implementing PPE selection criteria and guidelines.
- Managing PPE utilization.

Module 4: PPE Selection and Utilization

- Techniques for selecting and utilizing appropriate PPE for farm work.
- Implementing PPE donning and doffing procedures.
- Utilizing PPE checklists and documentation.
- Managing PPE selection.

Module 5: Safe Machinery Operation and Maintenance

- Principles of safe machinery operation and maintenance.
- Understanding equipment safety features and operation protocols.
- Implementing machinery inspection and maintenance procedures.
- Managing machinery safety.

Module 6: Chemical Handling and Pesticide Application

- Techniques for developing and implementing safe chemical handling and pesticide application procedures.
- Implementing chemical storage and disposal protocols.
- Utilizing pesticide application equipment and techniques.
- Managing chemical handling.

Module 7: Livestock Handling and Animal Safety



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

Mobile: +254 721 214 795

Email: info@pebblesinstitute.org

- Role of livestock handling and animal safety in farm operations.
- Understanding animal behavior and safe handling techniques.
- Implementing animal safety protocols and guidelines.
- Managing livestock safety.

Module 8: Emergency Response Plans

- Techniques for developing and implementing emergency response plans for farm incidents.
- Implementing first aid and medical response protocols.
- Utilizing emergency communication systems and procedures.
- Managing emergency response.

Module 9: Legal and Regulatory Requirements

- Legal and regulatory requirements related to agricultural safety.
- Implementing compliance with OSHA and EPA regulations.
- Utilizing legal registers and compliance tools.
- Managing legal compliance.