



IBL Africa (Pty) Ltd
Unit 6 Milton's Way
11 Bell Crescent
Westlake Business Park
Westlake, Cape Town, 7945
Republic of South Africa
Tel: +27 21 790 0148

WOOLWORTHS FOOD SAFETY & QUALITY TRAINING COURSE PROGRAMME 2026

DAY ONE

08h00	Welcome & Introductions: Course, Facilitator & Delegate (Registration will take place during this time)
08h45	Leadership and Food Safety Culture – Practical assessments and methodology
10h00	Food Safety and Quality Management Systems Regulatory and Statutory Requirements Risk Management Hazard Analysis Validations Customer Complaints Change Management Internal Audits
11h00	The use of Artificial Intelligence in Risk Assessment Introduction to AI in Food Safety Risk Assessments What is AI and its application in food safety risk assessments? Why use AI in food safety risk assessments? The benefits and limitations of AI in food safety risk assessments Overview of AI Techniques for Food Safety Risk Assessments Machine learning algorithms Artificial neural networks Deep learning Natural language processing Case Studies of AI in Food Safety Risk Assessments Real-world examples of AI in food safety risk assessments Discussion of the benefits and limitations of AI in these case studies
11h45	Comfort Break
12h00	Horizon Scanning for Disaster Management – Detailed Risk Mitigation Horizon Scanning – Update Risk Assessments <ul style="list-style-type: none">• Political Instability & Strikes• Natural Disasters• Load Shedding• Elections & Potential Risks



12h00	The use of Artificial Intelligence in Simplification of Standards and Creation of Training Material LLM Options – OpenAI/DeepSeek Costs of Chatbot Subscriptions & Data Privacy Concerns Prompt Engineering – The Secret to Getting results - Clarity and specificity. Providing context for better responses, Using examples and references and Structuring complex requests How to use LLMs to simplify complex standards Translation of Standards to language of choice How to get the AI Chatbot to turn the training content into DBA Code for automatic generation of Powerpoint Slides AI Creation of Training Manuals Use of OpenAI SORA in generating text to videos in use for training materials
13h00	Lunch Break
13h45	Raw Material/Packaging & Service Providers Management Outsourced Requirements Supplier Approval & Audits Suppliers of Services Ongoing Evaluation Specifications Risk Assessments & Food Fraud
15h00	Product Control NPD Labelling Packaging Authenticity & Claims RSPO Shelf Life Product Inspection and Testing Labs Specifications Traceability Allergen Management
16h30	Test Close of Day One





IBL Africa (Pty) Ltd
Unit 6 Milton's Way
11 Bell Crescent
Westlake Business Park
Westlake, Cape Town, 7945
Republic of South Africa
Tel: +27 21 790 0148

DAY TWO

08h00

Process Control

- Receiving
- Handling of Non-Conforming Product
- Storage of Printed Packaging
- Storage of Raw Materials
- Issue of Packaging Materials
- Debox/Debag/Depalletizing
- Manufacturing
- Weight, Volume and Count Control
- Product Packing and Date Coding
- Dispatch and Transport
- Temperature Control & Recording Equipment

09h15

Segregation

- Risk Assessment
- Segregation Controls
- Cleaning Controls

10h00

Premises and Facilities NEW March 2024 Update

- Learn how to optimize facility layouts for maximum hygiene & compliance.
- General Design
- Walls, Ceilings and Fixtures
- Floors & Drainage
- Hand Wash Basins
- Food Defense
- Site Security
- External Areas
- Water Management & Storage
- Ice/Steam
- Air/Ventilation
- Waste Management

11h00

High Risk Food Manufacturing Requirements

11h45

Comfort Break



IBL Africa (Pty) Ltd

Registered Office: Unit 6, Milton's Way, 11 Bell Crescent, Westlake Business Park, Westlake, Cape Town 7945
Registered in the Republic of South Africa 1997/022556/07 VAT Reg No. 4730192780

SABS
ISO 9001



IBL Africa (Pty) Ltd
Unit 6 Milton's Way
11 Bell Crescent
Westlake Business Park
Westlake, Cape Town, 7945
Republic of South Africa
Tel: +27 21 790 0148

12h00	Foreign Body Detection & Removal Metal Glass/Hard Plastic/Ceramics Glass Breakage Plastic Wood/String/Fibre/Other
13h30	Lunch Break
14h00	Foreign Body Detection Selection of Equipment Hand/Optical Sorting & Screening Sieving & Filtration Magnets Metal Detection & X-Ray
15h15	Pest Biology and Life Cycles
16h15	Pest Proofing – Keeping them out
16h45	Test
	Close of Day Two





IBL Africa (Pty) Ltd
Unit 6 Milton's Way
11 Bell Crescent
Westlake Business Park
Westlake, Cape Town, 7945
Republic of South Africa
Tel: +27 21 790 0148

DAY THREE

08h00

Cleaning & Sanitation – New Update on AI Developments in Sanitation Management
Contract Cleaning
Cleaning Standards & Instructions
CIP
Sculleries
Cleaning Equipment
Cleaning Chemicals
Listeria Reaction Guidelines
Guidelines for the control of Salmonella in low-moisture foods
Assessment of Cleaning Standards
Swabbing
Pathogen Environmental Monitoring

Predictive Cleaning and Sanitization Models
AI-Optimized Clean-in-Place (CIP) Systems
Self-Adaptive Cleaning Protocols
AI-Powered Computer Vision for Surface Cleanliness
Real-time Contamination Detection
AI-powered cameras and hyperspectral imaging
Automated Visual Inspection for Cleaning Validation
HyperSpectral AI scanners identify invisible food residue and biofilms.
Autonomous Sanitation Robots
AI-Driven UV-C Disinfection Robots
Electrostatic Spray Robots
IoT-Based Air and Water Quality Monitoring
AI-Enabled Environmental Monitoring
AI-Driven Handwashing Compliance
Smart PPE Detection Systems
AI-Optimized Wastewater Treatment

10h30

Maintenance, Calibration & Verification
Preventative Maintenance Program
Workshop & Tools
Engineering Practices
Lubricants & Chemical Hazards
Post Maintenance Inspections
Calibration & Verification



IBL Africa (Pty) Ltd

Registered Office: Unit 6, Milton's Way, 11 Bell Crescent, Westlake Business Park, Westlake, Cape Town 7945
Registered in the Republic of South Africa 1997/022556/07 VAT Reg No. 4730192780

SABS
ISO 9001

11h15	Comfort Break
11h30	<p>Hygienic Engineering & Design: New Woolworths Equipment Design Standard</p> <ul style="list-style-type: none"> Equipment Management Purchasing new equipment Risk-based change management Principles of Hygienic Design Materials of construction Surfaces and component configurations Drainability Installation Equipment Design and Construction Welding, joints and interfaces Wheels and equipment feet Pipelines including flexible hoses
12h45	<p>FSSC 22000 – Hygienic Engineering Requirements (Rolf Uys)</p> <ul style="list-style-type: none"> Importance of equipment management in food safety Overview of FSSC 22000 Additional Requirement 2.5.15 <p>Purchase Specification:</p> <ul style="list-style-type: none"> Risk-Based Change Management Process Core Hygienic Design Principles Application in Food Industry Process for Equipment Purchasing & Installation Managing Changes to Existing Equipment What Auditors Look For Industry References EHEDG, ISO 22000:2018, GFSI standards





IBL Africa (Pty) Ltd
Unit 6 Milton's Way
11 Bell Crescent
Westlake Business Park
Westlake, Cape Town, 7945
Republic of South Africa
Tel: +27 21 790 0148

13h30	Lunch Break
14h00	People Management Practices Personnel Amenities Medical Screening Protective Clothing Laundry Training
14h45	Incident Management Workplace Accidents Recalls & Withdrawal Cyber security risk mitigation
15h30	Audit Methodologies
16h00	Test Close of Course



IBL Africa (Pty) Ltd

Registered Office: Unit 6, Milton's Way, 11 Bell Crescent, Westlake Business Park, Westlake, Cape Town 7945
Registered in the Republic of South Africa 1997/022556/07 VAT Reg No. 4730192780

SABS
ISO 9001