WOOLWORTHS FOOD SAFETY & QUALITY TRAINING COURSE PROGRAMME 2024

DAY ONE

Time	Activity
08h00	**Registration & Course Administration**
08h30	Introductions: Course, Facilitator & Delegate
09h00	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	Detailed Risk Mitigation: Load Shedding Back-up generators/hybrid system risks Fuel supply, quality, availability Solar impact, feasibility Climate, location, battery systems/hybrid grid Switch over Impact on critical food safety systems (Metal detection, Electronics) Cold Chain Quality management Secondary suppliers
11h45	**Comfort Break**
12h00	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

SABS
ISO 9001

EHEDG
HYGIENIC ENGINEERING & DESIGN GROUP
EUROPEAN COMPANY MEMBER 2020

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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
16h00	Test
	Close of Day One

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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
	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
11h15	**Comfort Break**

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11h30	Foreign Body Detection & Removal Metal Glass/Hard Plastic/Ceramics Glass Breakage Plastic Wood/String/Fibre/Other
12h15	Foreign Body Detection Selection of Equipment Hand/Optical Sorting & Screening Sieving & Filtration Magnets Metal Detection & X-Ray
13h00	**Lunch Break**
13h45	Pest Biology and Life Cycles
15h00	Test
	Close of Day Two

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DAY THREE

08h00	Pest Proofing
08h45	Cleaning & Sanitation
	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
10h45	**Comfort Break**
11h00	Maintenance, Calibration & Verification
	Preventative Maintenance Program
	Workshop & Tools
	Engineering Practices
	Lubricants & Chemical Hazards
	Post Maintenance Inspections
	Calibration & Verification
11h45	Hygienic Engineering & Design
	EHEDG
	Welding, Joints & Interfaces
	Wheels & Equipment Feet
	Pipelines
12h45	High Risk Food Manufacturing Requirements.

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13h15	**Lunch Break**
13h45	People Management Practices Personnel Amenities Medical Screening Protective Clothing Laundry Training
14h30	Incident Management Workplace Accidents Recalls & Withdrawal Cyber security risk mitigation
15h15	Audit Methodologies
15h45	Test
	Close of Course