Food safety

Foreign Body Control

One day to prevent, detect and handle foreign bodies, from glass to wood by way of metal and hard plastic. Glass and hard plastic register, wood policy, hygienic maintenance, setting up and testing metal detectors, X-ray units, sieves and magnets, investigation after an incident: each point is checked on your lines and your records.

Duration : 1 day

Objectives

1. Identify the sources of foreign bodies specific to your materials, equipment and packaging
2. Keep a glass and hard plastic register and a wood policy that the auditor can verify
3. Apply hygienic maintenance rules: tooling, parts, return to service after an intervention
4. Set up, test and document detection and removal equipment
5. Investigate an incident or complaint through to corrective actions

Programme

Day 1 — morning

• Sources of foreign bodies: materials, process, personnel, maintenance, packaging

• Glass and hard plastic register: inventory, inspections, breakage procedure

• Wood policy, pallets, snap-off knives and blades, personal items

• Hygienic maintenance: toolbox, spare parts, line release after an intervention

Day 1 — afternoon (workshop)

• Metal detectors and X-ray: sensitivity, test pieces, frequency, rejection system

• Sieves, filters and magnets: inspection, integrity, recording what is retained

• Handling an incident: product isolation, investigation, cause, corrective action

• Workshop: test of a detector on your line, review of the records and knowledge test

Teaching methods

• Test of a detector on your line with the site’s own test pieces

• Area inspection based on the glass and hard plastic register

• Analysis of anonymised customer complaints

• Investigation exercise starting from a fragment found in a product

• Final quiz on prevention and detection

Assessment and documents

Knowledge test at the end of the day, reaction survey at D+1. Numbered training certificate, verifiable online; training report with the findings of the detector test and the area inspection.

Bilingual materials for every participant; each classroom course comes with its digital twin on OmniLearn.

Good to know

Equipment and premises design, which limits foreign bodies at source, is covered in “Hygienic Maintenance and Sanitary Design”. In a packaging workshop, see also “Product Safety in the Packaging Workshop (Operators)”.

Practical information

Duration	1 day
Group size	Groups of 6 to 12 participants, in-company
Format	In-company, face to face on your site
Language	French, Darija or English; bilingual materials
Funding	OFPPT special training contracts (TFP), GIAC, Maroc PME: we prepare the applications with you, at no extra cost.
Programme customisation	Programme adapted to your procedures, your equipment and your audience

Frequently asked questions

Is the metal detector enough?

No. It detects neither glass, nor wood, nor most plastics, and its sensitivity depends on the product and the packaging. Prevention at source remains the first measure; detection is a barrier, not a guarantee.

Why train maintenance together with production?

A significant share of incidents comes from technical interventions: screws, shavings, wires, forgotten tools. Training both teams together makes it possible to set return-to-service rules that everyone applies and signs.

Should we invest in X-ray equipment?

It depends on the hazard analysis: the kind of foreign bodies possible, the density of the product, metallised packaging. The course helps you ask the question from your own hazards and complaints, without recommending any supplier.