



Food Manufacture

# Physical and Chemical Contamination

## Lesson 3

Gain knowledge and understanding in the importance of preventing and detecting chemical and physical contamination in a food factory.



An assessment must be carried out on any glass or brittle plastic in any areas where the product can become contaminated

Where possible they will be removed. If they can't be removed, then they will be protected against breakage e.g., by shielding and are included on an inspection register





There will be a documented procedure for the handling of glass, brittle plastic or ceramics to make sure the risk of product contamination are managed.







# **This procedure will contain four important points**

1. A list of items stating their location, number, type and condition
2. Recorded inspections of the items which verify the condition of the items

The set frequency of inspection can vary depending on the potential to be a foreign body hazard

3. A record of inspection must be documented even when there has been no change to the item
4. The procedures that allow the replacement or cleaning of the items in a way that minimises product risk



**There will be a  
glass, brittle plastic  
and ceramics  
breakage  
procedure. It should  
contain nine  
important  
instructions.**



# Instruction 1

Training of  
staff to follow  
the procedure  
correctly



## Instruction 2

Quarantining of products and area that is affected and keeping a 10-meter exclusion zone.



## **Instruction 3**

Cleaning of  
the area and  
any specified  
equipment  
needed for the  
cleaning





# Instruction 4

How to  
dispose of  
the debris



# Instruction 5

Inspection of  
the area and  
the  
authorisation  
to allow  
production to  
continue



# Instruction 6

Production  
clothing to be  
changed



# Instruction 7

Inspection of  
footwear



## Instruction 8

Specify who is authorised to complete the tasks in the procedure



# Instruction 9

The breakage  
incident must  
be recorded



Where products are packed into glass or brittle materials they are stored away from any raw materials or other packaging







**If any glass or  
brittle material  
containers  
break online,  
then the glass  
breakage  
procedure will  
be followed**





A record of container breakages online will be documented and a record of no breakages of containers during a production period will also be documented to show any trends or potential improvements





# Revision Activity 3

**List two instructions that are in a glass, brittle plastic and ceramics breakage procedure?**