

IMPPO238Kv1

Principles of glass bottles and related closures in food manufacture



Overview

This unit is about understanding the principles of glass bottles and their closures in food manufacture. It covers regulatory and organisational standards, production of glass bottles and properties of glass, characteristics of glass bottles, closures and closure systems.

This unit is for you if you require a broad knowledge and understanding of glass bottles and closures used in food manufacture.

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Performance criteria

See:

You must be able to:

IMPPO218S Control bottling and packing in food manufacture

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Knowledge and understanding

You need to know and understand:

- K1 what the regulatory requirements are and what may happen if they are not followed
- K2 what the organisational standards and instructions are and what might happen if they are not followed
- K3 the main properties and constituents of glass
- K4 production of glass bottles and their main differences including widgets
- K5 the principle characteristics of a glass bottle including shape, dimensions, suitability for product, special features, wear and tear
- K6 the identification and importance of critical defects
- K7 types of closures and closure systems for glass bottles including crowns
- K8 production problems related applying closures of different types and sizes
- K9 characteristics of glass colours
- K10 typical bottle and closure sizes
- K11 the importance of bottle dimensions
- K12 the types of materials for labelling bottles and their application
- K13 risks and hazards associated with glass bottling and closures
- K14 recycling of glass bottles

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Originating organisation	Improve
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Suite	Production & Control Operations in Food Manufacture
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Key words	food; drink; manufacturing; operations; control; packaging; glass;
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