

IMPPO239Kv1

Principles of plastic bottles and related closures in food manufacture



Overview

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

This unit is for you if you require a broad knowledge and understanding of plastic 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 types, properties and constituents of plastic bottles
- K4 production of plastic bottles and their main differences
- K5 the principle characteristics of a plastic 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 plastic bottles
- K8 production problems related applying closures of different types and sizes
- K9 characteristics of plastic 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 plastic bottling and closures
- K14 recycling of types of plastic bottles

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