IMPFT106K

Principles of using information and management systems in food technology

Overview

This standard is about the principles of using Information Communication Technology (ICT) and Management Information Systems (MIS) in food technology. It is about understanding ICT and MIS systems and their application in support of the management of production performance. It involves being able to effectively use and manage ICT and MIS systems in support of production processes.

This standard applies to you if you are a manager or consultant who has responsibility for maintaining and assessing the performance of processing operations within a food or drink business. It is expected that you will control and support others in respect to the workplace application of ICT and MIS systems.

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Performance criteria

You must be able to: See

IMPPM101S Manage and evaluate production performance in food manufacture

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Knowledge and understanding

You need to know and understand:

1 ICT systems and how they are used within food and drink businesses

2 MIS systems and how they are used within food and drink businesses

3 the processes, facilities and equipment that are required to provide ICT and MIS systems

4 how ICT systems are used to collect and store process data

5 how to use ICT and MIS systems to input, store, process and retrieve data

6 how to use ICT and MIS systems to process, evaluate and present data

7 the potential shortfalls of ICT and MIS systems

8 how to maintain the security, integrity and accuracy of ICT and MIS systems

9 how to evaluate the effectiveness of ICT and MIS systems

10 how to support others to ensure the effective use of ICT and MIS systems

11 how ICT and MIS systems influence and are influenced by quality assurance systems

12 how to plan, monitor and control the application and performance of ICT and MIS systems

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