

Sustainable Food Production (SFP)

SFP.122K Understand how to effectively control water usage in a food environment

Unit Summary

This unit is about understanding the principles of water usage and management. It includes understanding water usage and measures that can be put in place to increase the efficiency of water usage in association the production process.

This unit is about understanding how water usage can be controlled in a food environment. It includes understanding organisational water targets and how these relate to legal requirements. It also includes understanding the potential benefits that effective management of water resources offers in respect to achieving sustainability.

This unit applies to you if you are a manager, technologist or consultant who has responsibility for water usage in a food environment. It is expected that you will work as part of a team to develop and implement the systems.

Related Units

This is a knowledge unit which underpins the skills set out in:

- SFP.130S Maintain, promote and improve sustainability in food manufacture

You need to know and understand:

1. The impact of water usage on the environment
2. How the effective management of water supports sustainable food manufacture
3. Organisational water quality standards
4. How legislation impacts on the organisation water usage and disposal
5. How water is obtained, treated, used and discharged by the organisation
6. Organisational targets for water usage
7. How and why organisational water usage is monitored and controlled
8. How the effective management and organisation of work can help minimise water usage
9. How the staff training and development can help to maintain the effective utilisation of water
10. Organisational procedures for water treatment, recycling, reuse and discharge
11. How to identify potential sources of water pollution within area of responsibility
12. How water usage is controlled and minimised by the organisation
13. How others can impact on water usage
14. The barriers that can limit the impact of water management and how these barriers can be overcome
15. How failure to meet organisational quality specifications can impact on water usage

Key Words

Water	Includes water which is: <ul style="list-style-type: none">• used to support the production process• an ingredient within products• effluent or by-product
Barriers	These can be economic, practical, the personal beliefs and attitudes of people, social or legal
Area of responsibility	Can include areas used to support: design, purchasing, supply, production, storage, packaging, transport and all aspects of business support.
Others	These can be: product developers, buyers, sales staff, customers and contractors
Benefits	Economic, social, environmental