

Sustainable Food Production (SFP)

SFP.127S Promote efficient water usage in a food environment

Unit Summary

This unit is about developing policy and guidelines to support the efficient use of water in food manufacture. It includes the skills required to promote efficient water usage in a food environment.

This unit is for you if you work in food and drink operations and your job requires you to have responsibility for the efficient use of water in food manufacture. You may have management responsibilities for an operational team.

Related Units

This is a skill unit and the underpinning knowledge and understanding is set out in:

- SFP.110K Principles of efficient water usage in a food environment

You must be able to:	This means you:
a. Establish opportunities for reducing water usage and improving efficiency	<ol style="list-style-type: none"> 1. Identify the legal requirements that control the use and disposal of water 2. Establish current levels of water usage for activities undertaken by the organisation 3. Identify opportunities for improving water usage efficiency 4. Specify efficiency targets for each area of water usage 5. Identify potential barriers that may limit water efficiency 6. Specify the monitoring procedures and their frequency to control water usage
b. Establish methods for reducing water usage and improving efficiency	<ol style="list-style-type: none"> 7. Advise on the design of processes and products to help minimise water requirements 8. Promote and support the implementation of water efficiency in support of organisational activities 9. Define and allocate roles/responsibilities to support measures to improve water efficiency 10. Identify training needs and organise training to those responsible for improving water efficiency 11. Support the implementation of monitoring procedures to control water efficiency 12. Establish methods to evaluate the impact of measures to improve water efficiency

c. Manage water usage and improve efficiency	<p>13. Support the implementation of monitoring and control procedures</p> <p>14. Evaluate impact of measures to improve water efficiency</p> <p>15. Specify benefits achieved through efficiency measures</p>
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Key Words

Barriers	These can be economic, practical, social or legal
Water efficiency	Can be measured in relation to water use per unit output of food.
Activities	Incorporating: purchasing, supply, production, storage, packaging, transport and all aspects of business support.
Roles/responsibilities	For: production staff, product developers, buyers, sales staff, customers and contractors.
Legal requirements	<p>Relevant to:</p> <ul style="list-style-type: none"> • The environment • Food safety and security
Benefits	Social, economic and environmental