

Sustainable Food Production (SFP)

SFP.121K Understand how to reduce waste in a food environment

Unit Summary

This unit is about understanding the principles of waste reduction and management. It includes understanding the causes of waste and measures that can be put in place to reduce waste, associated with both the production process and linked to final consumer products.

This unit is about understanding how waste can be reduced in a food environment. It includes understanding organisational waste targets and how these relate to legal requirements. It also includes understanding the measures that can be used to reduce and manage waste and the potential benefits that these measures offer in respect to achieving sustainability.

This unit applies to you if you are a manager, technologist or consultant who has responsibility for waste 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 waste on the environment
2. How waste minimisation supports sustainable food manufacture
3. How legislation impacts on the management and disposal of waste
4. Organisational targets for waste reduction, reuse and recycling
5. What limits recycling and reuse within area of responsibility
6. The importance of segregation in the management of waste
7. The potential benefits of effective waste minimisation to the organisation
8. The different types of waste generated within area of responsibility
9. How the effective management and organisation of work can help minimise waste
10. How the staff training and development of work can help minimise waste
11. The opportunities available to an organisation for reducing waste within area of responsibility
12. The barriers that can limit the impact on the management of waste and how these barriers can be overcome
13. How product and process design can have an impact on the generation of waste
14. How others can impact on the generation of waste
15. How to assess effectiveness of waste management systems
16. How to monitor waste within area of responsibility
17. How failure to meet organisational quality specifications can impact on waste targets

Key Words

Barriers	These can be economic, practical, the personal beliefs and attitudes of people, social or legal
Waste types	Including such things as: product, packaging, food waste in production process etc
Area of responsibility	Can include areas used to support: purchasing, supply, production, storage, packaging, transport and all aspects of business support.
Others	These can be: product developers, buyers, production staff, sales staff, customers and contractors
Benefits	These can be economic, practical, social or legal
Legislation	Relevant to: <ul style="list-style-type: none">• The environment• Food safety and security