
Overview

This standard covers the skills and knowledge needed for you to prepare ingredients and store fillings and toppings in food operations and the associated supply chain.

This standard is about preparing, mixing, storing and maintaining the supplies of a range of fillings and toppings in a food production environment. Flour confectionery fillings typically include: jam, buttercream and non-dairy confectionery spreads, dairy cream, fruit fillings, mincemeat, and toppings include: fondants, water icing, royal icing, and chocolate covering. Savoury fillings and toppings include: prepared meats, vegetables, cheeses, cereals, herbs and spices. You need to show that you can identify and select ingredients or base preparations for fillings and toppings and prepare for mixing. You will need to prepare and mix ingredients, adjust mixtures to meet specifications, store and maintain the supplies of fillings and toppings ready for processing.

This standard is for you if you work in food manufacture and/or supply operations and are involved in preparing ingredients and storing fillings and toppings in food operations.

Performance criteria

You must be able to:

1. select the correct ingredients according to instructions and specifications
2. weigh and measure the required ingredients
3. isolate and report any substandard ingredients, and obtain authority to source replacement supplies where this is necessary
4. select and check the equipment is fit for purpose to meet production needs
5. prepare and mix ingredients according to specifications
6. check that you minimise waste and deal with scrap material
7. select and check prepared fillings and toppings according to your instructions and specifications
8. place prepared fillings and toppings in the correct condition and location, and label where required, ready for further processing
9. monitor the quality of fillings and toppings against specifications and the quantity of these against production needs, and report any inconsistency to the relevant personnel
10. comply with health, safety and hygiene requirements
11. wear the correct personal protective clothing and equipment throughout preparation and production operations

Knowledge and understanding

You need to know and understand:

1. health, safety and hygiene requirements related to mixing and storing flour confectionery fillings and toppings and what might happen if they are not met
2. the basic purpose of the mixing process for flour confectionery fillings and toppings
3. how to avoid contamination during mixing and storing flour confectionery fillings and toppings and what might happen if this is not done
4. how to recognise and report flour confectionery fillings and toppings that do not meet specification
5. the procedure for rejecting and isolating substandard fillings and toppings
6. types of personal protective clothing/equipment and working practices which are useful in combating potentially harmful effects of dust from ingredients and allergies from skin contact with ingredients, when mixing flour confectionery fillings and toppings
7. how to report on the quality and quantity of fillings and toppings and arrange for the production of supplies to meet production need
8. how to maintain filling condition and deal with time constraints, in readiness for processing
9. preparation techniques for meat, vegetables, cheese, herbs and spices
10. cooking techniques for meat, vegetables, herbs and spices
11. the importance of not over mixing or blending savoury fillings
12. how factory digitisation supports the production process

Developed by	Improve
---------------------	---------

Version Number	4
-----------------------	---

Date Approved	30 Mar 2023
----------------------	-------------

Indicative Review Date	30 Mar 2028
-------------------------------	-------------

Validity	Current
-----------------	---------

Status	Original
---------------	----------

Originating Organisation	Improve
---------------------------------	---------

Original URN	IMPPO223
---------------------	----------

Relevant Occupations	Engineering and Manufacturing Technologies, Manufacturing Technologies, Plant and Machine Operatives, Process Operatives, Process, Plant and Machine Operatives
-----------------------------	---

Suite	Production and Control Operations in Food Manufacture
--------------	---

Keywords	Food; drink; manufacturing; operations; ingredients; store; fillings
-----------------	--
