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|------------------------------------------|-----------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|------------|-----------|
| <b>Title</b>                             | <b>Understand how to develop product specifications in food manufacture</b> |                     |                                                                                                    |            |           |
| <b>Ofqual unit ref</b>                   | <b>T/502/7411</b>                                                           |                     |                                                                                                    |            |           |
| <b>Level</b>                             | <b>3</b>                                                                    | <b>Credit value</b> | <b>2</b>                                                                                           | <b>GLH</b> | <b>12</b> |
| <b>Learning Outcomes</b>                 |                                                                             |                     | <b>Assessment Criteria</b>                                                                         |            |           |
| The learner will:                        |                                                                             |                     | The learner can:                                                                                   |            |           |
| 1 Know about final product specification |                                                                             |                     | 1.1 Describe the typical components of a specification                                             |            |           |
|                                          |                                                                             |                     | 1.2 Outline how to define and compile specifications                                               |            |           |
|                                          |                                                                             |                     | 1.3 Describe the relationship between quality assurance and a specification                        |            |           |
|                                          |                                                                             |                     | 1.4 Outline the impact of legal issues on product specifications                                   |            |           |
|                                          |                                                                             |                     | 1.5 Describe how HACCP is used to augment the specification.                                       |            |           |
| 2 Know about developing product plans    |                                                                             |                     | 2.1 Describe systems that enable the development process                                           |            |           |
|                                          |                                                                             |                     | 2.2 State the reasons for accepting or rejecting specifications                                    |            |           |
|                                          |                                                                             |                     | 2.3 Describe how to analyse data from the trials                                                   |            |           |
|                                          |                                                                             |                     | 2.4 Evaluate methods to measure outcomes of product trials                                         |            |           |
|                                          |                                                                             |                     | 2.5 Agree the material, components and equipment requirements with the relevant people             |            |           |
|                                          |                                                                             |                     | 2.6 Describe the factors involved in calculating production costs                                  |            |           |
|                                          |                                                                             |                     | 2.7 Describe the factors involved in estimating the final wholesale price of product               |            |           |
|                                          |                                                                             |                     | 2.8 Describe methods to agree the shelf life of the product                                        |            |           |
|                                          |                                                                             |                     | 2.9 Explain why hazard analysis and risk assessment should be included in the final specification. |            |           |

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| <b>Ofqual unit ref</b>                                                    | <b>T/502/7411</b>                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3 Know about communicating the final specification to all relevant people |                                                                             | <p>3.1 State which people need to receive technical data about product manufacture</p> <p>3.2 Outline how to make recommendations relating to manufacture promptly</p> <p>3.3 Describe how to communicate technical data to relevant people and the importance of doing this.</p>                                                                                                                                                                                                                                                                                                                                                                              |
| Unit purpose and aim(s)                                                   |                                                                             | <p>This unit is designed to assess the knowledge and understanding of learners in the workplace context, when developing product specifications in food manufacture. It can be assessed on or off the job.&amp;nbsp;&amp;nbsp;&amp;nbsp;The learner must demonstrate their current knowledge and understanding, to meet all assessment criteria. Assessment methods appropriate to the needs of the learner must be used to generate satisfactory evidence of knowledge and understanding.&amp;nbsp;&amp;nbsp;&amp;nbsp;The Improve Assessment Strategy for Proficiency Qualifications in Food and Drink sets out the overarching assessment requirements.</p> |