3091 Support commissioning of plant, equipment and processes in food manufacture		
SQA Unit Code		**F2RX 04**
Level 3	**SCQF Level 6**	**Credit value 6**

Unit Summary
This unit covers skills required to support the commissioning of new plant, which is an important feature of food & drink manufacturing processing and packaging operations. The ability to communicate effectively and the ability to work with others are essential features of this unit as is the ability to interpret data and make recommendations for improvement.

In order to be assessed as competent you must demonstrate to your assessor that you can consistently perform to the requirements set out below. Your performance evidence must include at least one observation by your assessor.

You must be able to:	You need to show: Evidence must be work-based, simulation alone is only allowed where shown in ***bold italics***
1. Plan for commissioning of plant, equipment and processes This means you: Monitor and adhere to hygiene, health and safety and environmental procedures Identify any need to develop additional hygiene and health and safety procedures and report this to the relevant people Identify any training needs associated with the operation of new or modified plant and equipment and refer them clearly and promptly to the relevant people.	Evidence of planning for commissioning of plant, equipment and processes as part of your role in accordance with workplace procedures and within the limits of your own responsibilities.
2. Contribute to the commissioning of plant, equipment and processes This means you: Accurately establish the status of all relevant items of equipment Accurately record the operational responses of the plant, equipment and materials and evaluate	Evidence of contributing to the commissioning of plant, equipment and processes as part of your role in accordance with workplace procedures and within the limits of your own responsibilities.

© SPS Approved Jan 2010 Reference: EM.103.104
UoC-Improve-January-2013

these responses against specifications Take the necessary corrective action in response to apparent differences from expected performance and report the matter to the relevant people.	
3. Report on the commissioning activity This means you: Provide advice to others that is valid and contributes to the achievement of improved performance Establish and maintain effective spoken and written communication with your managers and colleagues Complete the necessary documentation accurately and legibly and process it correctly.	Evidence of reporting on commissioning activity as part of your role in accordance with workplace procedures and within the limits of your own responsibilities.

Evidence of knowledge and understanding should be collected during observation of performance in the workplace. Where it cannot be collected by observing performance, other assessment methods should be used.
You will need to know and understand: 1. The standards of health and safety and hygiene to which you are required to work and why it is important that you do so 2. What the limits of your own authority and competence are and why it is important to work within them 3. What the lines and methods of effective communication are and why it is important to use them 4. What the documentation requirements are and why it is important to meet them 5. How to access and interpret the relevant plant, process and equipment specifications 6. How commissioning can impact on operations 7. How to access and interpret the relevant guidelines 8. How to carry out training needs analysis 9. How to identify the status of equipment 10. What range of options for corrective action are available and when they are necessary 11. What the process of capability of newly installed plant and equipment is 12. How to conduct process validation

Evidence of performance may employ examples of the following assessment: • observation • written and oral questioning; • evidence from company systems (e.g. Food Safety Management System) • reviewing the outcomes of work • checking any records of documents completed

© SPS Approved Jan 2010 Reference: EM.103.104

- checking accounts of work that the candidate or others have written.

© SPS Approved Jan 2010 Reference: EM.103.104
UoC-Improve-January-2013