

3175 Start up plant and equipment in food manufacture

SQA Unit Code

F2PA 04

Level 3

SCQF Level 6

SCQF Credit value 6

Unit Summary

This unit is about starting up plant and equipment in the production, processing and packaging of food and drink products. Complying with health and safety and environmental requirements and the ability to recognise potential improvements to start up procedures are essential features of this unit.

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:
<p>1. Prepare to start up plant and equipment</p> <p>This means you:</p> <p>Check and follow hygiene, health and safety and environmental procedures</p> <p>Make sure that all necessary plant, equipment, materials and services are available and fit for use</p> <p>Make sure that the required instrumentation is working correctly and take relevant action in response to any identified faults</p>	<p>Evidence must be work-based, simulation alone is only allowed where shown in <i>bold italics</i></p> <p>Evidence of preparing to start up plant and equipment in accordance with workplace procedures</p>
<p>2. Start up plant and equipment</p> <p>This means you:</p> <p>Make sure that plant settings are set to achieve the best performance</p> <p>Start up following the procedures</p> <p>Make sure that the results are an efficient use of resources</p>	<p>Evidence of starting up plant and equipment in accordance with workplace procedures</p>
<p>3. Evaluate the start up of plant and equipment</p>	<p>Evidence of evaluating the start up of</p>

<p>This means you:</p> <p>Consider how useful the start up procedures are, look for improvements, and make suggestions as soon as possible to the relevant person</p> <p>Consider how faults effect operations and act quickly to put right within the limits of your authority</p> <p>Complete the necessary documentation accurately and clearly and process it correctly</p> <p>Set up and maintain effective communication, both spoken and written, with your managers and colleagues</p>	<p>plant and equipment in accordance with workplace procedures</p>
--	--

<p>You need to know and understand:</p> <p>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.</p> <ol style="list-style-type: none">1. To what standards of health and safety and hygiene you are required to work and why it is important that you do so2. What the limits of your own authority and competence are and why it is important to work within them3. How to access and interpret the relevant plant, process, equipment and materials specifications4. How the process works5. What the main types of equipment breakdowns are6. Methods for finding out what problems are and solving them7. What the correct procedures for start up are and why it is important to follow them8. How faults can impact on operations9. What paperwork you have to fill in and why it is important to do this10. What the lines and methods of effective communication are and why it is important to use them
--

<p>Evidence of performance may employ examples of the following assessment:</p> <ul style="list-style-type: none">• 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• checking accounts of work that the candidate or others have written

--