



Unit F2PA 04 (566)

Start Up Plant and Equipment in Food Manufacture

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.

Achievement of this Unit will provide you with opportunities to develop the following SQA Core Skills:

Communication Access 3

- ◆ Produce simple written communication.

Problem Solving Intermediate 2

- ◆ Analyse a situation or issue.
- ◆ Plan, organise and complete a task.
- ◆ Review and evaluate a problem solving activity.

I have completed the requirements of this Unit.

Candidate name: _____ **Date:** _____

Candidate signature: _____ **Date:** _____

I can confirm the candidate has completed all requirements of this Unit.

Assessor signature: _____ **Date:** _____

IV signature: _____ **Date:** _____

Assessment centre: _____

You must be able to	Evidence Requirements	Evidence/ Activity/ Ref No.
<p>1 Prepare to start up plant and equipment</p> <p>This means you:</p> <ul style="list-style-type: none"> (a) Check and follow hygiene, health and safety and environmental procedures. (b) Make sure that all necessary plant, equipment, materials and services are available and fit for use. (c) Make sure that the required instrumentation is working correctly and take relevant action in response to any identified faults. 	<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> <ul style="list-style-type: none"> (a) Make sure that plant settings are set to achieve the best performance. (b) Start up following the procedures. (c) Make sure that the results are an efficient use of resources. 	<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>This means you:</p> <ul style="list-style-type: none"> (a) Consider how useful the start up procedures are, look for improvements, and make suggestions as soon as possible to the relevant person. (b) Consider how faults effect operations and act quickly to put right within the limits of your authority. (c) Complete the necessary documentation accurately and clearly and process it correctly. (d) Set up and maintain effective communication, both spoken and written, with your managers and colleagues. 	<p>Evidence of evaluating the start up of plant and equipment in accordance with workplace procedures.</p>	

Evidence of Performance

Evidence of performance may employ examples of the following assessment:

- ◆ observation
- ◆ written and oral questioning
- ◆ evidence from company systems (eg 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

Candidate name:		Assessor initials/date
No	Activity	
1		
2		
3		

You need to know and understand		Evidence
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.		
K1	To what standards of health and safety and hygiene you are required to work and why it is important that you do so.	
K2	What the limits of your own authority and competence are and why it is important to work within them.	
K3	How to access and interpret the relevant plant, process, equipment and materials specifications.	
K4	How the process works.	
K5	What the main types of equipment breakdowns are.	
K6	Methods for finding out what problems are and solving them.	
K7	What the correct procedures for start up are and why it is important to follow them.	
K8	How faults can impact on operations.	
K9	What paperwork you have to fill in and why it is important to do this.	
K10	What the lines and methods of effective communication are and why it is important to use them.	

Notes/Comments

Assessor signature: _____ **Date:** _____