

3185 Operate central control systems in food manufacture		
SQA Unit Code		F2PH 04
Level 2	SCQF Level 6	Credit value 10

Unit Summary

This unit is about managing complex and substantial processes through the operation of a central control system. It covers monitoring the process, responding to alarms and operating the necessary control sequences, as well as overcoming any problems that might arise.

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. Use central control systems</p> <p>This means you:</p> <p>Operate to the legal or regulatory requirements, the organisational health and safety, hygiene and environmental standards and instructions when using central control systems</p> <p>Log on if required at the specified time</p> <p>Monitor the process at the required frequency</p> <p>Respond to alarms and take appropriate action within the limits of your responsibility</p> <p>Operate necessary control sequences correctly according to procedures</p> <p>Accurately complete records</p> <p>Maintain effective communications</p>	<p>Evidence must be work-based, simulation alone is only allowed where shown in <i>bold italics</i></p> <p>Evidence of using central control systems in accordance with workplace procedures</p>
<p>2. Overcome problems using control systems</p> <p>This means you:</p>	<p>Evidence of overcoming two types of problems using control systems in accordance with workplace procedures</p>

<p>Overcome problems according to the legal or regulatory requirements, the organisational health and safety, hygiene and environmental standards and instructions</p> <p>Make appropriate alterations to control parameters, auto/manual selection and sequencing as required</p> <p>Take appropriate corrective action within limits of your authority when problems or possible future problems are identified</p> <p>Inform those who need to know of any corrective action and its effects</p> <p>Complete records</p> <p>Maintain effective communications</p>	
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<p>You need to know and understand: 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. The legal or regulatory requirements, the organisational health and safety, hygiene and environmental standards and instructions and what may happen if they are not followed2. What the plant and equipment layout is3. What the process equipment sequences are and what may happen if controls are not sequenced properly4. What the effect of control systems not performing to specification are on the process and the remedial action to be taken5. What the alarms in the system are and how to respond to them6. What could happen if the process is not monitored at the required frequency7. What may happen if recognised procedures are not followed when sequencing necessary controls8. What the effect of plant, equipment or services not performing to specification is and the remedial action to be taken9. What the limits of your own authority and competence are and why it is important to work within them10. What recording, reporting and communication is needed and how to carry this out correctly and the reasons why it is important to do so

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