

3260 Control a carcass electrical stimulation system

SQA Unit Code

H3JA 04

Level 3

SCQF Level 6

Credit value 5

Unit Summary

This unit is about the skills needed for you to control a meat carcass electrical stimulation system in food and drink manufacture and/or supply operations. Electrical stimulation of carcasses may help increase tenderness in the beef or lamb final product.

You will need to be able to prepare to control and control a meat carcass electrical stunning system, adhere to regulatory and organisational standards and safely control a carcass electrical stimulation system.

This unit is for you if you work in food and drink manufacture and/or supply operations and are involved in controlling a carcass electrical stimulation system.

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 control a electrical stimulation system This means you:</p> <p>Adhere to regulatory and organisational requirements when operating an electrical stimulation system</p> <p>Wear and use personal protective equipment check availability of electrical stimulation equipment</p> <p>Check equipment is in working order</p> <p>Check animals are being stunned and bled and are available for electrical stimulation</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 control an electrical stimulation as part of your role in accordance with workplace procedures and within the limits of your own responsibilities.</p>
<p>2. Control electrical stimulation system This means you:</p> <p>Check carcass is shackled to allow safe electrical</p>	<p>Evidence of controlling an electrical stimulation system as part of your role in accordance with workplace procedures and within the limits of your own responsibilities.</p>

<p>stimulation</p> <p>Use equipment to electrically stimulate carcasses adhering to organisational standard operating procedures</p> <p>Maintain rate of electrical stimulation to ensure organisational rate of production is maintained</p> <p>Make carcase available to next stage in production process</p> <p>Work within limits of your responsibility</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.

1. the organisational and regulatory procedures that must be adhered to when controlling an electrical stimulation system
2. the specific health and safety standards to be adhered to when using electrical stimulation equipment
3. the personal protective equipment required when controlling an electrical stimulation system
4. why animal carcasses are electrically stimulated
5. the key features of an electrical stimulation system
6. the key controls of an electrical stimulation system
7. how to access organisational specifications
8. why it is important to adhere to organisational standard operating procedures and specifications
9. how to check the electrical stimulation system is operating correctly and electrical stimulation has taken place
10. how the positioning of the electrode on the carcase length, spinal cord or intra muscle can alter the effectiveness of the electrical stimulation
11. why the hanging position of the carcase can alter the effectiveness of electrical stimulation
12. voltages used in the electrical stimulation of beef and lamb
13. why it is important to work within the limits of your responsibility and refer problems to the relevant people

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