



National
Operational
Guidance

Control measure - Safe systems of work: Low-voltage electricity 2



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TRAINING SPECIFICATION

Knowledge and understanding

Control measure element	Learning outcome
Apply safe systems of work for low-voltage electrical hazard	<p>Understand:</p> <ul style="list-style-type: none">• The process to be followed when low-voltage electricity is identified at incidents• How isolating low-voltage electrical systems may affect an incident• How to identify low-voltage electricity systems• The process to be followed when low-voltage electricity can not be isolated by emergency responders• Additional hazards that may be present within low-voltage electricity installations• Electrical isolation points and where they may be found• Three phase power supplies and the associated safe systems of work• Appropriate cordon distances when low-voltage electricity is a hazard• Methods to ensure electricity is not unsafely re-connected once isolated• How to perform the rescue of a casualty in contact with low-voltage electricity

Practical application

Control measure element	Learning outcome
Apply safe systems of work for low-voltage electrical hazard	Demonstrate the ability to: <ul style="list-style-type: none">• Gather information regarding electricity from a number of sources on-site• Isolate low-voltage electricity supplies• Implement appropriate cordon distances when a low voltage electricity hazard is identified• Prevent isolated electrical systems from being reactivated• Perform rescues using electrical gloves or dry insulating material