

HEEA

Highway Electrical Association

210 – Working in the vicinity of DNO / IDNO equipment including G39

Duration: 1 day

Suitable for: Managers, clients, those in overseeing organisations and contractors in public lighting, signs, traffic signals and/or other Highway Electrical specialist areas who may enter highway electrical equipment containing a Distribution Network Operator or Independent Distribution Network Operator supply

For those who do not work on or near DNO or IDNO cut-outs but require an understanding of **Working in the vicinity of DNO / IDNO equipment including G39**, to discharge their responsibilities appropriately (e.g. managers, client and overseeing organisations), then course 210.1 may be more suitable - this covers the same topics but does not have a practical assessment. Please discuss your needs with HEA Training

Course aim: This course aims to provide employees working within the Highway Electrical Sector with the appropriate safety knowledge and practical key skills required for work in the vicinity of DNO or IDNO equipment. This includes overhead power lines and the removal and replacement of DNO or IDNO cut-out fuse carriers in a safe and responsible manner and to comply with the responsibilities under organisation and legislative policies

Prerequisites: In order to gain maximum benefit and learning outcomes from this course there are a number of training modules, which are required before attending. A complete list of pre-course requirements are available from the Training Specification located in the Download section of the HERS web site at <https://thehea.org.uk/hers-hesa/hers-resources/> - Category: HERS Handbook and Training Specification

**** Confirmation will be required that the prerequisites have been achieved ****

***** In date Certificated Evidence must be provided for course 214 Safe Isolation before attending this course *****

Where consecutive 214 and 210 courses are delivered determination of successful achievement of course 214 will be made by the course Trainer and Learner advised.

Candidates must bring their supplied PPE and test equipment for the practical assessment.

Course Objectives:

On completion of the course Learners will be able to:

- State the associated Hazards and Risks
- State the acceptable clearances between highway electrical columns, posts or poles and overhead lines
- State the different methods of providing a mains supply
- Describe the responsibilities regarding commissioning, maintenance, repair and emergency attention
- State the method of work to be adopted when working in the vicinity of live conductors
- List the PPE requirements
- Demonstrate the ability to correctly remove and replace a cut-out fuse carrier for isolation purposes and fuse replacement
- Carry out a polarity check

What to do now: Further details and booking may be made from the website: <https://thehea.org.uk/hea-specialist-training/>

Or by contacting the HEA (Highway Electrical Association) Office, on 01903 705140

Course Programme

Please note that timings may vary from course to course – and the detailed order may change, to take into account individual learning needs and to ensure an effective learning experience for all Learners

Time (All timings approximate and may vary)	Content of Learning Sessions
08:45	Arrival, coffee and Learner Introduction
	Overhead & underground cable accidents / Statutory requirements (incl. EAW regs and elect. System fusing – highway electrical / domestic) Electricity Distribution network – overhead / underground cables PSSC /
	Electrical Injuries, First Aid
10:30	Refreshments
	Clearances for the Installation & Removal of columns/posts – Responsibilities, Procedure for the Installation & Removal of columns/posts in the vicinity of LV and HV o/h cables
	Clearances for equipment in the vicinity of LV overhead cables, Clearances when carrying out maintenance works in the vicinity of O/H cables, Clearances for equipment in the vicinity of HV overhead cables, GS6
12:30	Lunch
	Electricity Supply and other G39 requirements incl. Pole brackets, Maintenance / Repair / Emergency attendance issues
	Competency and Categories of Competency
	Other areas for consideration
	Risk assessment / Hazard Identification – checking polarity of cut-out , Removal and replacement of cut out fuses
15:00	Refreshments
15:10	Summative Theory assessments and marking
15:50	Removal and replacement of cut out fuses - Assessment
17:00	Course Conclusion / Feedback


HEA Training

Include▶▶Involve▶▶Inspire!™

Course 210 – Working in the vicinity of DNO / IDNO equipment including G39

at The Granary, Manor Farm, Brogborough, Milton Keynes MK43 0YD (<http://www.thegranarypage.co.uk/Location.htm>)

(By completing this booking form, you are confirming that the Employing Organisation has the employee consent to provide the information required below for Learner registration and certificate processing)

Learner First Name	Learner Surname	 Operative register to HERS?	Have the Prerequisites been met <i>(See Page 1)</i>				Course Date Required	Course Location <i>(see website)</i>	HEA Your Organisation Status HEA Member?

If you answered No to any of the above questions, then please provide further information below.

Dietary and Special Consideration:

Do you require help with reading or writing?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Do you consider yourself to have a disability that may impact on your learning experience and outcome?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Do you have any dietary requirements?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Is English your first language?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>

If you answered Yes to any of the above questions, then please provide further information below.
(This information is for the use of the HEA only and will not be shared with any third parties).

The cost of this course per learner is **£98 + VAT for HEA MEMBERS** and for **HERS REGISTERED** and **Non - HEA MEMBERS - £165 + VAT** (Inclusive of course material, course certificate, food and refreshments on the day).

Organisation Name:	<input type="text"/>	Contact Tel	<input type="text"/>
Contact Name:	<input type="text"/>	Contact E-Mail:	<input type="text"/>

CANCELLATION FEES - Where cancellation is made 14-28 days before course date fee will be charged at 50%. Where cancellation is made less than 14 days before course date fee will be charged at 100%. Prices are inclusive of food & course venue – please arrange your own accommodation if required. HEA Training reserves the right to change the date of the training if minimum viable learner numbers are not met.

Purchase Order No.:	<input type="text"/>	Signed:	<input type="text"/>	Date:	<input type="text"/>
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Please email your completed form to training@thehea.org.uk or post to HEA, Highdown House, Littlehampton Road, Ferring, West Sussex, BN12

Learner Course Check list

To ensure a covid secure learning environment you are required to bring with you the listed items below, which include the correct test equipment and PPE in line with your organisations method statement/ safe system of work This form must be completed in full.

Covid Secure Measures					
<p>The HEA has taken a range of measures to ensure that Training conforms to the current Government guidelines. To facilitate this your employee will be required to bring with them the following items:</p> <ul style="list-style-type: none"> Their own Drinking Cup Their own Pen Their own face covering (enough for the course minimum of 4) Their own hand sanitiser and antibacterial wipes <p>Each Learner will be provided with a rubbish sack, all food, cartons, wrappers, and unused course materials will be required to be placed within the Sack. The Learner will be required to remove from the venue and dispose of in line with their hometown collection guidance</p> <p>Your co-operation during this period is appreciated</p>					
Personal Protective Equipment (PPE)					
<p>The Learner is required to bring to the course the correct level of PPE as specific within the Organisations safe system of work for the course activity.</p>					
Type				Confirmed and Communicated to Learner	
<ul style="list-style-type: none"> Copy of Safe System of Work/Method Statement Electrically insulated arc flash PPE, gauntlet gloves and visor. 					
Test Equipment					
<p>The Learner is required to bring to the course the correct level of Test Equipment as specific within the Organisations safe system of work for the course activity. The test equipment is required to comply with GS38, and where required, in date for calibration</p>					
Type				Confirmed and Communicated to Learner	
<ul style="list-style-type: none"> Non-contact voltage tester– with suitable spare batteries Contact electrical tester with leads for use on low voltage systems compliant with GS38 – with suitable spare batteries Proving unit – with suitable spare batteries A selection of insulated screwdrivers for tasks A standard triangle door key 					
Sharing Test Equipment?					
<p>Where the organisation may have more than one Learner on the course, or they work in pairs during normal works where they share test equipment, the Organisation must provide by e-mail confirmation and the details that are in place to ensure a covid secure working environment.</p>					
<p>Is the Learner sharing test equipment on the Course?</p>					
Form Completed By					
Name		Date		Role	

Note:

Where your nominated Learner fails to bring to the course the specific check list items, or the organisation fails to appropriately instruct the Learner in line with the check list and joining instructions the learner will not be able to continue with the course. Where this situation arises, the course fee will be charged at 100%.