

# 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

<b>Time</b> (All timings approximate and may vary)	<b>Content of Learning Sessions</b>
<b>08:45</b>	<b>Arrival, coffee and Learner Introduction</b>
	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
<b>10:30</b>	<b>Refreshments</b>
	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
<b>12:30</b>	<b>Lunch</b>
	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
<b>15:00</b>	<b>Refreshments</b>
<b>15:10</b>	<b>Summative Theory assessments and marking</b>
<b>15:50</b>	<b>Removal and replacement of cut out fuses - Assessment</b>
<b>17:00</b>	<b>Course Conclusion / Feedback</b>


# 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 (See Page 1)				Course Date Required	Course Location (see website)	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](mailto:training@thehea.org.uk) or post to HEA, Highdown House, Littlehampton Road, Ferring, West Sussex, BN12 6PG  
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