

HEEA

Highway Electrical Association

Information Required and Learner Actions

1. The Learner is required to bring with them, all required and appropriate PPE that is fit for purpose without defect for the task of safe isolation on an energised system, this includes appropriate electricians' gloves and face shield.
2. The Learner must also bring with them the following:
 - Tested and mechanically sound electrical test equipment for polarity testing and supply checking
 - A mechanically sound and working proving unit
 - A fully functional safe isolation kit for locking off

214 – Safe Isolation

Duration: 4 Hours

Suitable for: Supervisors, Operatives and contractors in Highway Electrical works, including public lighting, signs, traffic signals and/or other Highway Electrical specialist areas who may as part of their duties need to carry out correct methods of Safe Isolation

Course aim: This course aims to provide employees working within the Highway Electrical Sector with an understanding and awareness of the procedures for the safe isolation of electrical circuits. The course will also cover the procedures for the safe method for the testing of supply and the checking of polarity.

Course 210 Working in the vicinity of DNO/IDNO Equipment will be required for operatives working onsite and carry out isolation in the vicinity of DNO/IDNO equipment; this course should also be considered for any operative carrying out isolation on non-DNO/IDNO equipment.

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 ****

Course Objectives: On completion of the course learners will be able to

- State the methods for the isolation of electrical circuits in differing highway electrical equipment
- Test to determine if a supply is available
- Check to confirm a supply is isolated
- Check to confirm the polarity of the supply
- Identify the steps required to carry out safe isolation
- What action to take in the event that the supply cannot be restored.

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
09:00	Course Introductions and Objectives and Risk Assessments and prior learning review. Session 1 Following the introductions, session 1 reviews The Safe Isolation Procedure, Hazards, points of isolation/ Isolation devices, Isolation at DNO/IDNO cut-outs and Secure Isolation
10:00	Refreshments
10:15	Session 2 Covers the correct use of <ul style="list-style-type: none"> • test equipment, demonstration and Learner practical application • polarity testing, demonstration and Learner practical application and <ul style="list-style-type: none"> • how to test, demonstration and Learner practical application • prove circuit is dead, demonstration and Learner practical application and <ul style="list-style-type: none"> • restoring supplies
11:15	Practical Assessment – <i>this includes verifying circuits, correct use of test equipment and successfully applying secure isolation for circuits to prevent unauthorised energisation</i>
12:30	Course Conclusion / Feedback


HEA Training

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214 – Safe Isolation

See course listings on website for locations of courses <https://www.thehea.org.uk/>

(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 **£65 + VAT for HEA MEMBERS** and for **HERS REGISTERED** and **Non - HEA MEMBERS - £98 + 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 6PG