

Authorised Person (AP) for AC & AT Isolations

Course Aim

To instruct delegates how to determine and fulfil their role and responsibilities when undertaking Authorised Person duties.

This course is designed to ensure staff are fully aware of the dangers that can arise in the course of Authorised Person's duties.

Successful completion of this course does not mean that the delegate is allowed to carry out Authorised Person's duties, unless direct supervision of a mentor during their probationary period, until they have been assessed by a licensed assessor as competent to do so in accordance with NR/SP/ELP/21070. The successful completion of this course can be used as supporting evidence of competence to reach the level required in NR/SP/ELP/21070.

The training will consist of:

1. Introduction to Authorised Person
2. Electrified system
3. Safety critical communication
4. Assessment of risk
5. Isolation of OLE (sectioning and sub-sectioning)
6. Description of the OLE system
7. Duties of an Authorised Person (AP)
8. Switching
9. Testing of OLE
10. Earthing of OLE
11. Removal of objects from OLE
12. Live Line Measuring devices (LLM)
13. Emergency isolations
14. Auto transformers
15. Knowledge assessment
16. Practical assessment
17. Maintaining competence

The maximum number of delegates on the course is 8; the duration of the course is 3 days

PTO

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Objective

At the end of the training the delegate will be able to:

1. Demonstrate their ability to interpret correctly the relevant parts of NR/SP/ELP/29987- Working on or about 25kV AC electrified lines when acting as an Authorised Person (AP)
2. Demonstrate their ability to test the OLE (under direction) using approved Voltage Testing Devices, apply and remove local earths (under direction), operate overhead line isolators/switches (under direction), and communicate with others clearly at a level necessary to avoid danger.
3. Demonstrate their ability to remove objects from the OLE.

Competence

The training will be followed by knowledge (written and verbal) and practical assessments. Successful delegates will be recommended for mentoring and assessment under their employer's competence management system.

Entry Qualifications

Meet the medical requirements detailed in the current issue of GE/RT 8067 with normal colour vision.

Meet the requirements for a negative drug screen in the current issue of GE/RT 8070.

Be at least 18 years of age.

Hold a current First Aid certificate.

Possess good verbal communication in English, to a level necessary to avoid dangers.

Have sufficient knowledge of OLE.

Hold a valid PTS certificate in AC.

Be competent to the core requirements set out in NR/SP/ELP/21070 and have knowledge of the overhead line and its associated equipment.