

DC Conductor Rails (DCCR): IS33

Duration of course: 1 day

Maximum no. of candidates: 12

Course aims:

To provide candidates with the skills and underpinning knowledge to enable them to undertake work near or adjacent to DC conductor rails; it is designed to provide the delegates with the skills, knowledge and behaviours required to work safely near or adjacent to DC conductor rails.

Objectives:

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

- Describe the principal of the DC electrified system
- Identify the main components of the DC conductor rail systems
- Identify hazards and risks associated with being near or adjacent to the DC conductor rail
- Describe how to cross the DC conductor rail safely
- Describe how to transit tools and equipment safely across the DC conductor rail
- Describe defects that would render insulated tools and equipment unfit for purpose
- Identify hazards associated with working within DC Isolations
- Describe the work safe and Emergency response procedures
- Demonstrate how to inspect insulated tools before use
- Demonstrate the correct application and removal of conductor rail shields
- Identify defective tools and shields
- Identify the three risk control areas as stated in NR/L3/MTC/EP0152

Other information:

- Before undergoing this training a person must have successfully completed and been awarded the Personal Track Safety (PTS) course.
- Following successful completion of the course Infrasafe Training will register candidates with the NCCA for issue of DCCR certification.
- Re-certification is required every two years and this will be done by assessment requirements.

Venue:

At our modern training centre in Blaydon, near Newcastle upon Tyne, or we can arrange training at a location to suit your needs.



Course content:

1. Welcome & Introduction
2. Course Arrangements, Aim and Objectives
3. Electrical Power transmission
4. DC Conductor Rail Power Distribution
5. Electrical Control Rooms
6. DC Conductor Rail and Components
7. Dangers
8. Crossing the Line
9. Application of Equipment
10. Transiting Tools and Equipment
11. Working in DC Isolations
12. Tools and Equipment
13. Incidents
14. Worksafe Procedure
15. Incident Response
16. Applying a TCOC in DC Areas
17. Practical Assessment
18. Theory Assessment