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# 100 Basic Railway Principles

Number of delegates: 8

**Duration:** 2 days

Location: Horsley Cross



### Who should attend

This course is suitable for delegates who wish to obtain a basic level of knowledge in relation to carrying out engineering work on or near Network Rail's infrastructure.

### **Objectives**

On successful completion of the course, delegates will have covered the following areas:

- · Basic understanding of railway infrastructure and operational equipment
- · Overview of safety requirements to go on or near the line
- The roles and responsibilities of different engineering disciplines
- . Summary of control systems used in the UK
- Information regarding structures bridges, platforms and access points
- Outline of railway related documentation and instructions
- · General principles of traction and rolling stock
- · Basic railway legal requirements
- Electrification

### Learning approach

100% classroom-based with PowerPoint presentations and visual aids, where possible a short visit either to a simulated track area or working railway.

Theory assessment to check the delegate's understanding of the course content

## **Pre-requisites**

Delegates need a good understanding of the English language and be able to communicate well at all levels.

For more information or to make a booking, please email info@infinity-training.co.uk