

# Basic Signalling One

**Number of delegates:** 8  
**Duration:** 5 days  
**Location:** Horsley Cross



## Who should attend

Delegates who need to know the basics of Railway Signalling engineering and have little or no prior knowledge.

## Objectives

On successful completion of the training course the delegates will be able to:

- Explain the different types of signals used on the railway
- Demonstrate an understanding in methods of train detection
- Identify symbols and nomenclature of signalling diagrams including loc diagrams, track plans and scheme plans
- Explain different types of interlockings and identify different relay characteristics

What we cover:

- Development of railway signalling
- Relays - general overview
- Circuit and plan symbols and railway signalling nomenclature
- The DC track circuit including basic testing
- Colour light signals including testing
- AWS and TPWS including basic testing
- The block basic principles
- Power supplies - overview

In addition to the above, delegates test signal heads, AWS/TPWS, DC track circuits and a variety of relays and complete record cards as evidence of their work.

## Learning approach

50% classroom-based, 50% practical-based  
Theory and practical assessments

## Pre-requisites

- Basic railway understanding
- PTS would be an advantage

For more information or to make a booking, please email [info@infinity-training.co.uk](mailto:info@infinity-training.co.uk)