

# Railway Engineering - Level 2 Apprenticeship

Rail Engineering Operatives provide support to rail technicians and engineers. The engineering disciplines cover the following areas of “the railway” (infrastructure and trains); track (including minor works), electrification, overhead line, signalling, telecommunications and traction & rolling stock.

Apprentices will undertake the core learning and also specialise in one particular discipline. Those working within the occupation of Rail Engineering are responsible for the safe construction, installation, maintenance and renewal of the railway to provide a safe and reliable railway for customers.

The Rail Industry has a high level of safety-critical work activities requiring a disciplined and responsible approach.

Skills learned include:

- Legislation, regulation, industry procedures and safety requirements
- The general engineering techniques required to support the maintenance, renewal and construction of the railway
- How to work effectively and contribute to engineering solutions including awareness of the importance of 3rd party requirement and the need to understand and adhere to corporate policies on ethics, equality and diversity

## WHAT WILL THE APPRENTICE STUDY?

The skills you will learn include;

- Legislation, regulation, industry procedures and safety requirements
- The general engineering techniques required to support the maintenance, renewal and construction of the railway
- How to work effectively and contribute to engineering solutions including awareness of the importance of 3rd party requirement, and the need to understand and adhere to corporate policies on ethics, equality and diversity.

There is also a code of behavioural conduct that you will be taught which includes acting professionally demonstrating dependability, determination, honesty and integrity, respecting others, acting ethically and contributing to sustainable development, sustaining a risk aware attitude so as to help reduce risks by checking information, concentrating on the task and be actively aware of changing circumstances on activity or task in hand.

**Duration:** 2 Years

**Location:** Enfield CONEL

**Sector:** Engineering

## ENTRY CRITERIA

Applicants will be assessed and interviewed to demonstrate that they have the ability to cover the range required by the apprenticeship standard, at work. In addition, the apprentices are expected to have GCSE in Maths and English or ICT at a minimum of grade 4 or equivalent.

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**Sector:** Engineering