



NVQ Level 3 Diploma in Railway Engineering Technician Competence (RQF)

Overview of the Course

The purpose of this NVQ qualification is to define the technical competence requirements for persons required to undertake basic construction, renewal, enhancement and modification activities of Overhead Lines Construction under direction. This qualification will require the learner to attend classroom theory and practical assessments prior to deploying into their place of work. This level 3 qualification is a National Vocational Qualification (NVQ). It involves the skills and knowledge needed for working in railway engineering overhead line construction. NVQs are based on national occupational standards, which the learner must meet to be competent in a particular task. The achievement of NVQs will encourage an employee to value their contribution to the workplace, and it will develop their skills and potential within the railway engineering overhead line construction. The competence unit shall be used to assess the competence of people undertaking construction, renewal and enhancement activities on all OLE types on Network Rail Managed Infrastructure.

COURSE DELIVERY MODEL

Learners will be required to attend classroom and practical sessions in the construction of Overhead lines. Conformation of learning will be achieved through distance learning assignment exercises and practical assessments at the training centre and at the learner's place of work. All evidence obtained through these assessments methods will be compiled in the learner's portfolio of evidence.

RANGE OF ASSESSMENTS METHODS

- » Direct observation
- » Product evidence
- » Written assignments
- » Oral and written questions
- » Professional discussion

Units Covered

Below are the NVQ units covered. Learners will be required to complete of the mandatory units mentioned below:

COMPLY TO THE HEALTH & SAFETY AND LEGISLATION IN THE WORKPLACE

- » Comply to the Health & Safety and legislation in the workplace
- » Working at Heights
- » Harness maintenance
- » Manual Handling
- » Fire Awareness
- » Emergency Aid
- » Industry Common Induction ICI competency

INTERPRETING ENGINEERING DATA DESIGN AND DRAWING DOCUMENTATION

- » Cross section and layout drawings

WORKING EFFICIENTLY AND EFFECTIVELY IN ENGINEERING

- » Use of small and power tools associated with OHL construction
- » Associated rigging and lifting equipment

ACCESS OVERHEAD LINE EQUIPMENT CONSTRUCTION SITES

- » OLEC 1 competency

PREPARE TO UNDERTAKE DUTIES IN THE RAIL INDUSTRY

- » Personal Track Safety AC
- » OLEC 2

THE LEARNER WILL BE REQUIRED TO SELECT FROM THE OPTIONAL UNITS SHOWN BELOW

- » Installation of Main Steel
- » Installation of Small Parts Steel (SPS)
- » Installation of Wire
- » Installation of In-span registration of component parts
- » Installation of Earthing and Bonding