PLAYFORDS

PLAYFORDS 4 YEAR ELECTRICAL APPRENTICESHIP OVERVIEW

The below affords a complete overview of the learning path for successful candidates and will be complemented by on-site practical learning 4 days per week with Playfords Ltd engineers for the first 3 years - the 4th year is on-site full time.

Apprentices will complete the Level 3 Electrotechnical qualification to develop the skills, knowledge and behaviours they need to install, maintain and repair electrical systems in industrial, commercial and domestic environments.

YEAR 1 – Understand Health, Safety and Environmental Considerations:

- This unit will give learners an understanding of the relevant Health and Safety legislation, practices and procedures when installing and maintaining electrical systems and equipment. The knowledge covered in this unit underpins the practical application of Health and Safety legislation, practices and procedures.
- Understand health, safety and environmental considerations: This unit will give learners an understanding of the relevant Health and Safety legislation, practices and procedures when installing and maintaining electrical systems and equipment. The knowledge covered in this unit underpins the practical application of Health and Safety legislation, practices and procedures Electrical scientific principles and technologies: This unit allows the learners to understand the relationship between electrical scientific principles and the competencies required of a qualified electrical operative. Its content is the knowledge needed by a learner to underpin the application of skills in the installation and maintenance of electrical systems and equipment.
- Understand design and installation practices and procedures: This unit is designed to enable learners to develop the skills required, and apply the associated knowledge, in order that they are able to demonstrate the competence required to design, prepare and install wiring systems and associated equipment in buildings, structures and the environment in accordance with approved industry practices, statutory and non-statutory regulations: The Electricity at Work Regulations (1989) The current edition of BS767, Health & Safety Act (1974), Building Regulations (2000). This unit allows the learners to understand the relationship between electrical scientific principles and the competencies required of a qualified electrical operative. It provides the knowledge needed to support skills in installing and maintaining electrical systems and equipment.

YEAR 2 – Understand how to plan and oversee electrical work activities:

- This unit is designed to enable learners to understand the practices and procedures used when planning electrical installation and maintenance work activities. Its content is the knowledge needed by a learner to underpin the application of skills for overseeing and organising the work environment.
- Understand how to plan and oversee the electrical work environment:
- This unit covers the requirements for learners to understand the requirements for liaising with others when organising and overseeing work activities, understand the requirements for organising and overseeing work programmes, understand the requirements for organising the provision and storage of resources that are required for work activities.
- Understand design and installation practices and procedures:
- This unit is designed to enable learners to develop the skills required, and apply the associated knowledge, in order that they are able to demonstrate the competence required to design, prepare and install wiring systems and associated equipment in buildings, structures and the environment in accordance with approved industry practices, statutory and non-statutory regulations: The Electricity at Work Regulations (1989) The current edition of BS767, Health & Safety Act (1974), Building Regulations (2000).

YEAR 3 – Understand inspection, testing and commissioning:

- This unit is designed to enable learners to understand principles, practices and legislation for the initial verification of electrical installations, with statutory and non-statutory regulations and requirements. Its content is the knowledge needed by a learner to underpin the application of skills for the inspection, testing, commissioning and certification of electrical installations.
- Understand fault diagnosis and rectification: This unit is designed to enable learners to understand principles, practices and legislation associated with diagnosing and correcting electrical faults in electrical systems and equipment in buildings, structures and the environment in accordance with statutory and non-statutory regulations and requirements. Its content is the knowledge needed by a learner to underpin the application of skills used for fault diagnosis and correction in electrical systems and equipment in buildings, structures and the environment.
- Understand the Requirements of BS7671: This unit covers Regulations BS 7671: 2018. and is designed as a standalone unit and should be used in conjunction with the standards set for the qualification to ensure full coverage of the learning requirements.

YEAR 4 – Completion of Level 3 NVQ and preparing for and taking the End Point Assessment - AM2S Practical Assessment.