

# **Electrical Engineering NQF2 learnership – SAQA ID 73313**

**National Certificate: Electrical Engineering NQF Level 2 (12 Months)  
140 credits**

## **PURPOSE OF THIS PROGRAMME**

A learnership is a work-based learning programme. This means that classroom studies at a college or training centre are combined with practical on-the-job experience. We learn much better when we can practice what we have been taught in the classroom in a workplace environment.

This is the first of three levels of a Learnership. The knowledge and experience gained in this qualification is typically what is completed in a 1<sup>st</sup> year apprenticeship. During the year the learners will receive knowledge and experience on the following

- Use engineering tools, measuring instruments and electrical technology.
- Read, interpret and produce basic electrical engineering drawings and circuits.
- Apply hand skills applicable to electrical installation and maintenance.
- Understand and apply basic electrical installation assembly techniques to install, maintain, repair, overhaul or recondition designated circuits, electrical machines and sub-components.
- Understand basic electrical theory and the application in relation to the maintenance and function of machines.

## **Recommended Entry Criteria**

- Communication and Mathematical Literacy at NQF Level 1.
- Basic concepts of Natural and/or Engineering Science and Technology.
- Or a Grade 9 with Maths and Science

## **Course Overview**

The learners will attend their knowledge and practical training at our centres which are situated in Cape Town, Kya Sands (Johannesburg) and Ggeberha (Port Elizabeth). The course covers 16 weeks at the institution which is made up of Fundamental unit standards covering numeracy and literacy, as well as core and elective unit standards that are selected to meet the minimum credits required to achieve the qualification. Learners will complete formative assessments which will be recorded in their POE's

Learners are then required to complete exposure at the worksite gaining valuable on-the-job experience against the unit standards completed for roughly between 6 – 8 months of the year.

On completion thereof learners will be required to complete summative assessments against the assessment criteria as listed in each unit standard. Successful learners will receive a National Certificate issued by the relevant SETA's and the credits will be registered on the National Learner Registration Database.

At any time in the future, learners can do level 3 and then level 4 which will be equivalent to a 3-year apprenticeship leading to a National trade test

For more information, click on the link below:

<https://allqs.saqa.org.za/showQualification.php?id=73313>

