

## Apprenticeship Programme Stages

### Information on the key stages involved in the Lift/Escalator Electromechanic Level 3 Apprenticeship

An apprenticeship is all about developing and demonstrating the skills and behaviours expected of a competent Lift/Escalator Engineer. One who can perform their role knowledgeably, using good judgement and communication skills to ensure safe working practices.

**PART A:  
Develop &  
Demonstrate Skills**  
On-programme  
Training



**PART B:  
Showcase your  
Competency**  
End-point  
Assessment

That's why there are two clear parts to the Apprenticeship. Firstly, learning all the skills and best practice ways of working and secondly, showing people how proficient, skilful and knowledgeable you have become.

Let's take you through some more details...



# PART A: Develop & Demonstrate Skills

## Registration as an Apprentice

As part of becoming a new Apprentice you and your employer will discuss what pathway your training will take. This is because there are core skills every Lift/Escalator Apprentice will cover as well as some specific bits that best suit your interests and your employers requirements.

These are the 4 pathways available, and you will be following one of them.

Pathway 1	Pathway 2	Pathway 3	Pathway 4
Core skills, knowledge and behaviours	Core skills, knowledge and behaviours	Core skills, knowledge and behaviours	Core skills, knowledge and behaviours
+ Installation of traction and hydraulic lift systems	+ Installation of escalator/moving walk systems	+ Servicing, repair and maintenance of lift systems	+ Servicing, repair and maintenance of escalators/ moving walks
<b>Qualification</b> Level 3 QCF NVQ Diploma in Installation and Commissioning		<b>Qualification</b> Level 3 QCF NVQ Diploma in Engineering Maintenance	



\* For those with an education, health and care plan or a legacy statement the apprenticeships English and Maths minimum requirement is Entry Level 3. A British Sign Language qualification is an alternative to English qualifications for those whom this is their primary language.



This is the moment when your employer thinks you are ready to progress to Part B, the End-point Assessment. They may also consult your Training Provider to help make this decision.

Being ready means:

- ▶ you have completed your Level 3 NVQ Diploma training
- ▶ you consistently demonstrate all of the knowledge, skills and behaviours outlined in your pathway's Learning Plan
- ▶ you have gained your Level 2 qualification in English and Mathematics\* (if not achieved prior to starting your apprenticeship, through your GCSEs for example).

## On-programme Training

Your employer gives you the opportunities to learn on the job and through training. With support from a LEIA approved Training Provider, they'll guide you through a structured Learning Plan (also known as the Apprenticeship Standard). This provides you with the foundation to become a remarkable Lift/Escalator Engineer.

Here's a flavour of what's covered in the core part of your Learning Plan...

### Skills & Knowledge

- ▶ All the nitty-gritty about the components that make a lift or escalator system work and how to fix them
- ▶ How to operate complex electrical/electronic control systems such as programmable logic, relay and electronic drives
- ▶ The tools, fault finding processes, computer software and measuring equipment that enable you to do your job
- ▶ How to interpret electrical wiring diagrams, engineering drawings and other documents to meet current regulations

### Behaviours

- ▶ **Health, Safety and Judgement** – how to identify hazards and develop a 'safety first' mentality
- ▶ **Teamwork and Communication** – how to listen well and seek feedback to create trust
- ▶ **Self-motivation** – how to make great decisions and smash your goals and objectives
- ▶ **Environment and Ethics** – how to respect your working environments and uphold professional standards

# PART B: Showcase your Competency

## Prepare a Project Report

You'll plan and create a written report of about 2,000 words, that can include illustrations or videos. It will describe a range of practical work you carry out over a 10 day period on a lift, escalator or moving walk. It will need to cover knowledge and skills identified in your pathway's Learning Plan focussing on things like:

- ▶ What processes and activities were involved in the job?
- ▶ What were the difficulties and how did you overcome them?
- ▶ What safety and health controls were included?
- ▶ What behaviours did you demonstrate during the job?

## End-point Assessment



### KNOWLEDGE TEST

Taken under controlled conditions, you'll be asked 30 questions that are a mix of multiple choice, multiple select, true/false answers and calculations. This is to check your level of underpinning knowledge.



### PROJECT REPORT PRESENTATION AND Q&A

You'll send your Project Report to the assessor at least three weeks before your presentation date. This gives them time to prepare their questions and you time to create a 10 minute presentation on your report. The question & answer element will be after your presentation, lasting about 20 minutes.



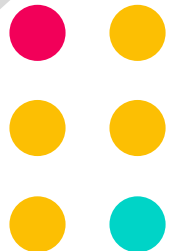
### STRUCTURED DISCUSSION

The final stage is a discussion with the assessor. It will be between 16 and 19 questions asked over a 45 minute period. Covering what you have achieved, the standard of your work and also how you went about it. This is to explore aspects of your knowledge and work in a bit more detail.

## GRADE AWARDED!



Pass all three end-point assessments and congratulations, you did it! Give an exceptional performance you'll get yourself a distinction, perfect for standing out from the crowd.



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