

Lift & Escalator Industry Association

Escalator & Passenger Conveyors Technology (Unit 5)

(Half Unit)



Course Content

- Introduction
- Terminology
- Basic principles, Components and Duty Range of Escalators
- Principles of Step Drive
- The Truss
- Driving Unit and Brake
- Step Chains and Chain Drive
- Steps, Comb Plates and Step Guides
- Handrails
- Enclosure
- Electric Motor and Control Equipment
- Escalators in Relation to Building Services
- Drawings
- Passenger Conveyors
- Health and Safety in Relation to Escalators and Passenger Conveyors