

# LIFT & ESCALATOR INDUSTRY ASSOCIATION

## GTBH3 Basic Lift Technology

### Course Content

Health and Safety issues

Basic principles and components

- Main components of a traction lift
- Main components of a Machine Roomless Lift (MRL)
- Main components of a Hydraulic Lift

Direct & Indirect acting Hydraulic lift arrangements

Traction Lift suspension arrangements

Safety Components

- Safety Gear and overspeed systems
- Suspension types & terminations
- Buffers & Electromechanical Brakes

Lift Controls

- Types & applications
- Methods of drive
- Single and Multiple lifts
- Travelling cable and wiring

Doors

- Car automatic operators & protective devices
- Landing door types, construction and application

Car enclosure and sling

Lift Car accessories -The car operating panel

Landing accessories – Call buttons and indicators

Lift equipment selection – how to select the right equipment for the application.

Unit GTBH3 can be studied as a standalone unit or can be followed by unit GTCH3, the complementary half unit to obtain a certificate for the Full Unit GT1F3.

