LIFT & ESCALATOR INDUSTRY ASSOCIATION
GTCH3 Complementary Basic Lift Technology

Course Content

Construction

- Lift shaft construction
- Construction accuracy of lift well
- Installation drawings
- Architectural and structural drawings
- Interface to other building services
- Lift planning

Principles of the speed reduction unit
Sheave/rope compatibility
The function of the counterweight
Rope selection and maintenance
Lift drives VVVF
Lift controllers advanced
Lift controllers and ACOP/UCM monitoring

Safety gears- Bi-directional
Overspeed Governors
Gearless Machines
Lift Load monitoring
Health and Safety issues
Construction of automatic doors
Lift standards- standards & Documentation

Unit GTCH3 can only be studied as a complementary half unit following after GTBH3 to obtain a certificate for the Full Unit GT1F3. It is not available as a standalone unit.

If studying GTCH3 immediately after GTBH3, the fee for both will reflect the cost of a Full Unit. If GTCH3 follows more than one term after GTBH3, half unit fees will be charged for both.