

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.

