



## E-LEARNING

100% online. May include pre-recorded session, live streaming/webinar and discussion forum, where applicable.

### ONLINE LEARNING:

**DATE:** 3, 4, 5, 6 and 7 Oct 2022

**TIME:** 7.00pm to 9.30pm

**DELIVERY MODE:** e-Learning via webinar and BCAA Learning Management System (LMS)

**FEE** (incl of GST): S\$680.00

### TARGET AUDIENCE

Lift Specialists, Supervisors, Authorised Examiners, Specialist Professional Engineers, Inspectors, Engineers, Lift Contractors working in the lift industry involve in design, installation, maintenance, inspection and testing of lifts.

### CPD POINTS

**PEB:** -

# Essential Knowledge on Lift Type Testing Safety Components and Examinations using SS 550

## INTRODUCTION

The Singapore Standard SS 550:2020 on the Installation, Operation and Maintenance of Electric Passenger and Goods Lift was updated recently. The key requirement in the standard is the type examination of the safety components specified in accordance with EN 81-50 which is a European Standard on the examinations and tests of lift components. This course will explain the requirements for EU-type examination of model lifts and safety components of lifts.

## OBJECTIVES

At the end of the course, participants should be able to:

- Understand SS 550:2020 requirements on type examination of safety components and model lifts
- Review design documents on type examination
- Review test and inspection reports
- Review certificates for model lift and safety components

## CONTENTS

- **Understanding of Lift Technical Provisions**
  - EN 81-20:2020 – Safety rules for the construction and installation of Lifts – Lifts for the transport of persons and goods. Part 20: Passenger and goods passenger lifts
  - EN 81-50:2020 – Safety rules for the construction and installation of Lifts. Examinations and Test Design rules, calculation, examinations and tests of lift components
  - SS550:2020 – Code of Practice for Installation, Operation and Maintenance of Electric Passenger and Goods Lifts
- **Type Testing Procedures**
  - Landing door locking mechanisms / Car door locking device / Overspeed governor / Safety Gear / Buffers
  - Safety circuits
  - Ascending Car Over speed protection (ACOP) system
  - Unintended car movement protection (UCMP) system
- **EU-type examination for Lifts**
- **Standards Conformity**
  - Accreditation conforming to relevant ISO standards
  - Notified Bodies
- **Question and Answer**
- **Assessment**

## LECTURER

**AZAAD SANTOE** | Product Specialist Certification | LIFTINSTITUUT

Azaad Santoe has more than 35 years' experience working with the European Directives and Standards on Lifts and Machines. Currently, he is a product certification specialist at Liftinstituut. His main responsibilities include the certification of lifts, safety components and escalators (specialising in heavy duty escalators). In addition, he is a consultant, lecturer and trainer for various organisations around the world.

Prior to his current position at Liftinstituut, he was a senior inspector for 23 years and inspected lifts and escalators for the public-transportation company, RET in Rotterdam, Netherlands.

## AWARD

e-Certificate of Attendance (e-COA) will be awarded to participants who meet the attendance requirement



### REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/Login> or scan QRcode and search for course code **80079**