



E-LEARNING

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

ONLINE LEARNING:

DATE: 11, 12, 13, 14 & 15 Oct 2021

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.

AWARD

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

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

ROBERT KASPERSMA | Global Certification Manager | KONE Elevators

ROBERT KASPERSMA has more than 25 years' experience working with the European Directives on machines and lifts. Currently, he is the Global Certification Manager with KONE Elevator responsible for elevator and component certifications globally. He also oversees optimizing of the certification processes and harmonizing products.

Prior to joining KONE Elevators, Robert held the position of Product Specialist Certification at Liftinstituut, responsible for lifts and escalators certification conforming to European Lifts and Machine directives. He is also the Specialist in conducting certification according the North American codes ASME17.1 and ASME 17.7.

Robert sits in various committees including the New Technology Committee ASME A17.7 / CSA B44.7 as Vice-Chair. He is also the Committee Member of the Mechanical Design Committee ASME A17.1 and CEN TC10/ WG11, prEN 81-44: Lifts inside Wind Turbines.



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**