SEMINAR ON LIFTS AND ESCALATORS



A Practical Approach To Understanding the Planning And Designing Of Lifts And Escalators In Buildings

Learn How to Do Actual Hands On Calculation Of Lift Traffic Analysis To Determine the Optimum Lifts Selection for Any Building

A Practical Approach To Understanding The Planning And Designing Of Lifts And Escalator Systems In Buildings

Learn How to Do Actual Hands On Calculation Of Lift Traffic Analysis To Determine The Optimum Lifts Selection For Any Building

For building owners and end users alike the 3 basic requirements of any vertical transportation system in a building are safety, reliability and efficiency in moving people and goods within the building. To achieve this, one must understand the concept of good elevator/ escalator design, the essence of proper installation and maintenance and obligations of legal and statutory requirements in terms of complying with the latest regulations and by-laws.

Understanding proper elevator design approach ensures adequacy of service while achieving a high level of space utility in a building. Ensuring a proper installation is critical to efficient performance of system and impacts of the reliability of the equipment in operation. Adopting a proper maintenance program will ensure safe, reliable and efficient operation of the Vertical Transportation System.

INTRODUCTION

These programs will enable participants to appreciate and better understand the concept of vertical transportation system, particularly the various types of elevators and escalators. Participants will have an opportunity understand Lift Traffic Analysis and elevator planning and design, the key considerations in monitoring installation works and know what are the current codes and regulations as well as the legal obligations as Owners and Consultants. Finally, Participants will learn about the various serious consequences of improper use and care of elevator and escalator equipment and how to minimize such risks.

UPON COMPLETION

√ Understand the principals of vertical transportation system
√ Learn the various components and functions of the elevator system.
√ Identify the principals of lift traffic analysis
√ Learn how to carry-out ACTUAL CALCULATION OF LIFT TRAFFIC ANALYSIS.
√ Be able design and specify appropriate structural and M&E requirements
√ Recognize the various statutory requirements and relevant codes

WHO SHOULD ATTEND

- Architects and Consultants, Building Owners and Developers
- Engineers who are new to Lift Industry
- Shopping Complex Owners and Facilities Managers
- Condominium and Building Maintenance Managers

About the Trainer - Ir Soon See Leak

Graduated with a Bachelor of Engineering (Electrical) from University of Malaya in 1980,

Ir. Soon served as the Managing Director of one of the major Elevator Engineering companies in Malaysia.

A registered Professional Engineer with the Board of Engineers Malaysia, Ir. Soon has extensive experience in the design and planning of vertical transportation requirements in various types of buildings including commercial and residential complexes. He also was a member of the Working Group for Lifts and Escalators in SIRIM which is responsible for the drafting of the latest Malaysian Standards and was actively involved in the drafting of MS 2021: Safety Rules for the Construction and Installation of Electric Lifts which was adopted by the Department of Standards Malaysia in 2006. Ir. Soon is a Past President of the Malaysian Lift and Escalator Association (MALEA) . and a member of Malaysian Institute of Management (MIM). Ir. Soon SL is also a Certified Professional Trainer and a member of IPMA (UK). Ir. Soon SL is also the author of the book, "BUILD THE BRIDGE FIRST", An Inspiring Story On How To Build Great Relationships With Co-workers & Customers And Lead Your Team In Ways You Never Thought Possible.

For Enquiries On These Programs: Please contact to: Pedanal Enterprise Email : peggy@pedanal.com

Course Outline For Two Days Program

DAY 1

Session One

- Brief History
- Understanding components of the basic types of elevators
- Understanding the installation process of elevator systems

Session Two

- Planning of vertical transport system in a building
- Understanding performance criteria
- Learn How To Calculate Lift Traffic Analysis
- How to treat car park and penthouse floors
- When to do zoning

DAY 2

Session Three

- Preparing layout design of elevator system
- Understand How to Size Lift Shafts
- Requirements of stretcher type lifts
- Understanding the Factories and Machinery Act.

Session Four

- Understanding the basic of components of escalator systems
- Understanding the installation process of escalator systems
- Some safety considerations of planning escalators in a building
- Essence of Maintenance
- Other Codes and compliance
- Case Studies On Maintenance Safety Considerations