



The American Institute of Architects Continuing Education Systems

AIA/CES Registered Provider Program Summary Handout

Provider: ThyssenKrupp Elevator

Length: 1.0 hour

Program #: TKE002

Credits: 1.0 LU hour

Program: Low-Rise Machine Room-Less Elevators

HSW: Yes

Description: This class will give attendees an overview of what a low-rise elevator is, the evolution of the machine room and more detailed information regarding the different types of MRL's.

Learning Objectives: After completion of this course, participants will:

1. This section will detail what exactly a "low-rise" elevator is and the factors that are used to describe this type of elevator.
2. This section will explain the different types of machine room configurations currently in existence and the differences between what some call machine room-less and what it really means.
3. Traction and Hydraulic Machine Room-Less Overview. Detailed overview of the sections of the Traction MRL: different machine supports, cable deflection, overhead and pit requirements, counterweights and rails, as well as limitations of cab finishes and the Hydraulic MRL: machine and jack configuration, hydraulic fluid, overhead and pit requirements.
4. Direct comparison of Low-Rise MRL Elevators: overhead and pit depths, speed, cab finishes, noise and ride quality, LCA, LCC and EPD, and energy usage.

Target Audience: Architects and specifiers. This program is basic and meets the needs of professionals at every experience level.

How Taught: The TKE facilitators will utilize a PowerPoint Presentation at architectural firms, chapter meetings, AIA and CSI trade shows. Seminars are open for audience participation with questions and discussions during the course.

Facilitator Qualifications: TKE's facilitators have received training in this program. In addition, they receive continuous training in the industry, and are considered industry experts to provide the necessary information and answer basic questions.

Costs: There is no cost to bring this program into your firm.

A/V Needs: Electric for PC and LCD projector for PowerPoint Presentation. Audio system needed only in very large groups.

For more information: www.thyssenkruppelevator.com