

The American Institute of Architects
Continuing Education System
AIA/CES Registered Provider Program Summary Handout

Provider: Total Door Systems

Program #: TD-SCSE-F2F

Program: Smoke Containment Strategies for Elevator Hoistways & Lobbies **Credits:** 1 **HSW:** Yes

Description: **Length:** 1 Hour – This course explains how smoke migrated in a multi-story building fire and discusses how building codes have evolved to address this danger and why they mandate smoke containment in specific areas of a structure. Product applications and assemblies designed to meet building code requirements and limit vertical smoke migration via elevator hoistways and lobbies are explained.

Learning Objectives:

- Explain the behavior of the fire and smoke in a mid- or high-rise building and how smoke migration can inhibit means of egress via elevator hoistways & lobbies and compromise the life-safety of building occupants
- Discuss how the building codes address smoke control in multi-level buildings and the building design measure that must be taken to enhance occupant safety
- Evaluate and compare the product applications and assemblies designed to meet building code requirements and limit smoke migration via elevator hoistways and lobbies
- List building design and product configuration options that comply with building code requirements for egress planning

Method of Instruction: The CES facilitator utilizes a PowerPoint presentation to deliver a comprehensive course covering relevant issues for architects dealing with fire and life safety as it relates to openings.

A/V Needed: Electrical power and a screen for the presentation. The CES facilitator will provide the necessary laptop computer and will coordinate with the on-site professional development administrator to make provisions for projection equipment.

Target Audience: Architects, Engineers, Specifiers, Owners and other design professionals serving the commercial and industrial market. The recommended audience size is between 6 and 25 professionals. The program is suitable for professionals of varying experience level and includes a question and answer period at the end of the program.

Facilitator Qualifications: All Total Door Systems representatives have been trained on CES guidelines and presentation skills.

Costs: This program is offered at no cost.

