



Elevator Emergency Management Operations

Course Length:

2 Days

Course Summary and Learning Objectives:

This course is designed for the trained professionals that respond to emergencies involving stalled elevators. Emergency personnel with inadequate training in “Handling Elevator Emergencies” are exposed to an increased risk of injury or death to both the victim and themselves. This comprehensive course will provide emergency responders with intensive classroom and hands-on training on how to safely and effectively remove passengers from stalled elevators. Basic procedures will be covered in this program.

Topics include; nomenclature, safety, how an elevator functions, construction, elevator safety devices, possible equipment needed, initial response steps, restarting a stalled elevator, lock/out – tag/out procedures, elevator doors, use of hoist-way door keys/pick tools, poling, removal of passengers from stalled elevators, manually lowering a hydraulic elevator.

Material Used During Program:

This course features a dynamic PowerPoint presentation accompanied by realistic elevator props/equipment. The combination of the picture filled PowerPoint program and state-of-the-art props, built from actual elevator parts, enable the presenter to bring the elevator to the classroom. Day 1 is spent in the classroom. Day 2 Incorporates a rope demonstration (geared to setting up a “fall arrest system”), hands-on training performing victim removals w/ the elevator stuck between floors, manually lowering a hydraulic elevator and the use of door keys/pick tools. In addition, new elevator door pick tools and a poling device (designed by the lead instructor) will be introduced and demonstrated.

About The Lead Instructor

MICHAEL A. DRAGONETTI gave 28 years of service to the Stamford (CT) Fire Department. 20 of those years he was assigned to Rescue Co. 1. He is a nationally recognized fire service instructor and has presented courses in elevator operations at the Fire Department of New York (FDNY) Technical Rescue School (2002-2005). He is a H.O.T. instructor at FDIC International, a contributing author for Fire Engineering Magazine and has appeared in 3 seasons of Training Minutes videos. Prior to developing and teaching "Elevator Emergency Management" in 1999, he had extensive experience in the New York City metropolitan area constructing, modernizing, maintaining, and repairing elevators and escalators with one of the largest elevator companies in the world. He is the founder and president of Dragon Rescue Management, a technical rescue training company, that specializes in handling elevator emergencies.

This is a H.O.T. class that requires 4 instructors for a 30-student maximum. Students will enter the elevator shaft and perform various elevator rescue tasks. The following is a brief list of equipment needed for this program:

Traction Elevators	With access to motor rooms & shaft	2 side-by-side
Hydraulic Elevator	With access to motor room & shaft	1