

Education Highlights @ January 16, 2017

Education – Monday, March 27, 2017

10:45am-11:45am 1.0 hour session

Elevator Emergency Code Refresher

Speaker: Brandon Mandy, Man-D-Tec Inc.

Review of elevator codes for emergency operation. Topics covered: Lighting, Ventilation, Communication, and other emergency operation functions of the elevator. Audience will be able to gain knowledge of many items in the elevator that have different code requirements for emergency operation. These items are not always easily observed by passengers, as these items are often behind-the-scenes, and out of the eye of the public.

Brandon R. Mandy, MBA, Vice President of Man-D-Tec, Inc., Bachelor's Degree from Arizona State University, Master's Degree of Business Administration from Arizona State University, Inventor with 4 patents for elevator products.

Education – Tuesday, March 28, 2017

8:30am-10:00am 1.5 hour session

Optimizing best rope and roping system performance

Speaker: Martin Rhiner, Brugg Lifting

Participants will learn a basic overview of elevator ropes, the types of installations they must work with and the challenges they offer, and what one must do in order to maximize rope life and get the most performance possible from them. Upon completion one should be able to: (1) Explain why ropes may not last as long as expected; (2) Know the various factors affecting rope life; (3) Evaluate the lifespan of hoist ropes; (4) Give an overview of standard maintenance practices of hoist ropes; (5) Know the proper means of tensioning; (6) Properly document hoist rope maintenance procedures; (7) Know best installation practices.

Martin Rhiner is vice president of Engineering and Quality for Brugg Wire Rope. For more than two decades he has focused on improving industrial product and processes quality standards. During his tenure with Brugg Lifting he has worked in Quality Management, Product Management, Manufacturing and R&D. Rhiner completed a four-year apprenticeship program in Switzerland and received certification as a toolmaker. He graduated with a BS in Mechanical Engineering from Brown Boveri (now ABB) and has since earned an MBA from Berry College in Rome, GA. While at Brugg Lifting he has served as principal coordinator and leader for the Brugg Rome Life Predictor online application. Rhiner is a current member of the American Society of Mechanical Engineers and a committee member of the Suspension Means Task Group.

10:15am-11:15am 1.0 hour session

Roped Hydraulic Applications, Installation & Maintenance Techniques/Solutions for Hot Oil Jobs

Speakers: Tom Hausenbauer, MEI Total Elevator Solutions

Topics will include the pros, cons, capabilities, types, designs, and installation of Roped Hydraulic Elevators. The session will also include discussion about heat sources, heat rejection and maintaining proper temperatures in the Hydraulic Elevator.

Tom Hausenbauer received a Bachelor of Science in Mechanical Engineering from the University of Notre Dame and a Master of Science in Mechanical Engineering from the University of Wisconsin-Madison. He has worked as a product engineer in a variety of industries, including automotive transmissions, wind and engine driven generators, and water treatment equipment. He has been employed by Minnesota Elevator Inc. since 1996, serving in various capacities, including product design, engineering management, and sales engineering. He led the development of Minnesota's industry leading roped hydraulic elevator product line. He is currently a registered professional engineer in the states of Minnesota and Wisconsin.

2:15pm-3:15pm 1.0 hour session

Rack and Pinion Elevators - Education and Code

Speaker: Kevin M. Harrison, McDonough Elevators

This session will highlight the basic operation of rack and pinion elevators. An Overview of 4.1 Rack and Pinion and 5. 7 Special Purpose Elevators Code will be discussed and a brief review of 10.4. The audience will gain a better understanding of the codes and machine differences of the rack and pinion elevator.

Kevin M. Harrison is Vice President of Compliance for McDonough Elevators. With thirty years of experience in the Rack and Pinion Industry with Hoist-Co Incorporated, he began his career as a technician / installer. In 1999 Kevin was named President with the responsibility of overall operations for the company. Through the acquisition of Hoist-Co Inc. in 2013, he now oversees the Equipment Division for McDonough Elevator. Active in the industry, Kevin holds the office of Secretary on the A17.1 – 4.1 & 5.7 working committee. He has held his QEI certification since 1997, is a Certified Elevator Technician and CET supervisor through NAEC. Kevin is currently certified as an elevator mechanic in multiple states.

Education - Wednesday, March 29, 2017

8:00am – 11:30am 1.0 hour sessions

Roundtable Discussions – Track 1

1. Elevator Traveling Cable + Compensation Chair Installation

Ray Miller, Draka Elevator Products

Presentation will give a detailed overview of how to properly install elevator traveling cable and compensating cable in order to maximize useful life. In addition, there will be an overview of the accessories used and the benefits of pre-connectorized cable will be explained.

Ray Miller is currently the Sr. Sales Manager of Western Region + Latin America for Draka Elevator Products, and has been with the company since 2009. Prior to that he worked at SEES Inc. where he began his career in the Elevator Industry. He studied Business Management and Psychology at Florida State University and finished with a BS, and has recently completed a program at Bocconi University in Milan. Mr. Miller is very active in the industry, and serves on the Board for the NAEC NexGen committee as well as the Elevator Industry Group of Southern California.

2. Healthiest & Safest Elevator Pit Environment

Barry L Robbins-Capuano, W2W777 Operations, LLC

How the EPA and OSHA are making subtle attacks on the Elevator Industry based upon (IAQ) Indoor Air Quality and (SBS) Sick Building Syndrome. Linking the cause of IAQ & SBS to the lowest lying area in commercial and residential buildings. What Elevator Codes are being changed to aid with these issues? What Patented Products are available to meet and exceed the most exigent codes?

Barry L Robbins-Capuano is the founding principle of a Commercial Design-Build Project Management Company in Central Texas. His diverse knowledge in Commercial Construction in the Retail, Medical, Dental & Manufacturing facilities provided express opportunity to excel in an aggressive Texas market place. As the director of a Team of Engineers & Specialist; Project Infiltration was launched into the Elevator Industry. The intent was to develop products and installation processes, pursuing the Healthiest and Safest Elevator Pit Environment in the Elevator Industry.

3. Private Residential Elevator Code Changes 2017

Craig Jones, Country Home Elevator

ASME code is an ever evolving set of Standard. Keeping up with the latest changes is made even more difficult when individual States create new Laws that attempt to add safety elements without a clear understanding of the Current Hazard Analysis process and then consider what safeties were already in place that become redundant. Discussion will center around the changes to the Standard and how the process has changed.

Craig Jones CET-S is a 5.3 Private Residence Code Committee member and has been involved with Code development since the beginning of the ADA. He has been a product developer and designer for Residential Accessibility system since 1988. As Owner of Country Home Elevator he has been involved in many State Elevator Code changes and assisted with the Private Residence Elevator Inspectors Guide.

1:00pm-2:30pm 1.5 hour session

American Red Cross First Aid Course

Speaker: Mike Ryan, Certified Instructor

This course is designed to give individuals in the workplace the knowledge and skills necessary to prevent, recognize, and provide basic care for injuries and sudden illnesses until advanced medical personnel arrive and take over. Course topics include, bleeding control, bandaging, burns, shock, splinting, sudden illness and environmental emergencies.

Michael Ryan is a former New York State Paramedic and Chief of his Community Ambulance Corps, he has been a member of his 911 Emergency services for over 30 years. He's active American Red Cross Instructor Trainer and is his counties ARC Chairmen of Health and Safety.