



Fire Protection of Life Safety Systems in Complex Buildings

Moderator(s): Alan Shaw

DATE: Tuesday, October 6th, 2015 TIME: 1:40 pm

LOCATION: Sheraton E

GUEST SPEAKERS: Mr. Rick Florio - Pentair, Mr. Ken Baird - LRI Engineering Inc.

DESCRIPTION: Rick Florio, Manager-Technical Building Solutions-Pentair | Ken Baird, Vice President, Systems Design - LRI Engineering Inc. The seminar will focus on topics surrounding the protection of life safety systems serving complex buildings. This includes buildings considered "High Buildings" in the Ontario Building Code and those that contain interconnected floor spaces.

These spaces require the protection of electrical conductors for fire alarm, smoke management and emergency power systems. Design and implementation challenges for new construction and retrofit of existing facilities will be discussed.

The seminar will include a close look at "Electrical Life Safety Circuits" that require fire protection or the application of CAN/ULC S139 "Standard Method of Fire Test for Evaluation of Integrity of Electrical Power, Data and Optical Fibre Cables".

Important information regarding an update to the 2012 de-certification of "Listed Fire Resistive Cables" will also be provided.

BIOGRAPHY: Mr. Rick Florio, Manager-Technical Building Solutions

A Ryerson graduate, Electrical Engineering. Experience includes national sales and application engineering. Presently Sales Manager, Pentair Thermal Management (formerly Tyco Thermal Controls). Role includes promoting various cables/control systems to engineering consulting firms, contractors, and end users. Interact with Authority Having Jurisdiction in the interpretation of National/Provincial Codes & Standards. Varied experience in commercial construction, electrical/mechanical engineering, building/fire safety field from a technical and sales/marketing perspective. Member of CFAA 20 years and 4 years on Board of Directors, presently member of Industry Affairs Committee, member of CSA C-282 Emergency Power Supply for Buildings, CSA, CEC Section 32 - Fire Alarm/Fire Pumps, member S.F.P.E. Ontario Chapter. Served as President and on Board of Directors of Canadian Fire Safety Association 20 years, several terms on Ontario Building Code Commission, 10 years representing CFSA on ULC S-500, Standing Committee on Fire Protection NBC & NFC (2004 - 2009), several terms on City of Toronto Committee of Adjustment.

BIOGRAPHY: Mr. Ken Baird, Vice President, Systems Design

Ken Baird, Vice President, Systems Design, is a graduate of Ryerson University, with more than 35 years worth of experience in the Fire Protection and Security Systems Industry.

Ken has been an LRI team member for 25 years. Based in our Toronto office, Ken has been integral to the designed of Fire Alarm systems in facilities across Canada, most recently at the Rogers Centre in Toronto and the General Motors plant in Oshawa.