Advanced Technologies in Clean Agent Systems

Seminar Room 3, 1:30 P.M.
Presented by Todd Stevens, SET, CFPS

Todd Stevens is employed at Minimax USA, LLC, headquartered in Mesa, AZ. Minimax has been a global leader in fire protection for over 100 years with a rich heritage of developing advanced innovations in fire protection, detection, and suppression technology.

Mr. Stevens presently works as a Sales Manager for the Eastern Region and is based out of North Carolina. His responsibilities include sales, technical support, and systems training to Minimax distributors. Mr. Stevens also works with specifying architects, engineers, industry groups and AHJ’s to increase technical knowledge of Minimax products.

Mr. Stevens has an Associates Degree in Mechanical Engineering, is NICET IV certified in Water Based Systems Layout, NICET I in Special Hazard Suppression Systems and is a Certified Fire Protection Specialist. He is active in numerous fire protection associations such as NFPA, FSSA and SFPE.

Advanced Technologies in Clean Agent Systems

One of the challenges in fire protection is providing proper suppression systems in sensitive areas with high dollar equipment or irreplaceable artifacts. For years clean agent systems and early detection has been a large part of this solution. However, as the areas we are protecting become more challenging due to unique designs we need to turn to new technologies that outperform the current mindset. Location of cylinders, pipe sizing and multi zone systems can all play an important role in providing optimal solutions to these difficult applications.

In this presentation we will explore advancements in higher pressure Novec 1230 and FM200 systems. We will review new cutting edge technologies that will allow for selector valve systems never before done with certain chemical agents. These systems allow for greater design flexibility and can be cost effective. If you are designing fire protection solutions for data centers, archive storage, IT rooms or any sensitive areas like these, you will not want to miss this presentation.