











Johnson Controls - Fire Suppression Products Training Team Live Webinars – EUROPE

We are excited to announce fire protection training opportunities in **multiple languages**. The webinars are designed to benefit engineers & consultants, authorities having jurisdiction, contractors and risk insurance.

To Join please click on the registration link embedded in the webinar topic of your choice. You will receive a confirmation including log-in details.

Webinars limited to 30 attendees!

Topic	Presenter	Language	Date & Time (CET, GMT +1)
<u>Introduction to Nitrogen Generators</u>	Melanie Peters		August-3 @ 10:00 – 11:00
<u>Extended Coverage Sprinkler Solutions</u>	Miguel Angel Izquierdo		August-4 @ 10:00 – 11:00
<u>Introduction of FDT Calculation Software Program</u>	Harald Boxem		August-5 @ 10:00 – 11:00
<u>Introduction to Alarm Valves (Wet, Dry, Deluge and Pre-Action)</u>	Melanie Peters		August-6 @ 10:00 – 11:00
<u>Introduction ESFR K34 Storage Sprinkler</u>	Miguel Angel Izquierdo		August-7 @ 10:00 – 10:30
<u>Introduction ESFR K34 Storage Sprinkler</u>	Harald Boxem		August-10 @ 10:00 – 10:30
<u>Introduction to Nitrogen Generators</u>	Daniel Halldan		August-11 @ 10:00 – 11:00
<u>Comparison of ESFR Storage Solutions</u>	Miguel Angel Izquierdo		August-12 @ 10:00 – 11:00
<u>OPEN SESSION, Sprinklers - Products, Design and Installation Standards</u> <u>Please submit your question upon registration.</u>	Harald Boxem		August-13 @ 10:00 – 11:00
<u>Introduction to Nitrogen Generators</u>	Melanie Peters		August-14 @ 10:00 – 11:00

Topic	Presenter	Language	Date & Time (CET, GMT +1)
<u>Introduction of FDT Calculation Software Program</u>	Daniel Halldan		August-17 @ 10:00 – 10:30
<u>Introduction to Water Mist Systems</u>	Gregg Young		August-18 @ 10:00 – 11:00
<u>Introduction ESFR K34 Storage Sprinkler</u>	Miguel Angel Izquierdo		August-19 @ 10:00 – 10:30
<u>Comparison of ESFR Storage Solutions</u>	Daniel Halldan		August-20 @ 10:00 – 11:00
<u>Comparison of ESFR Storage Solutions</u>	Oscar Rosique Hernandez		August-21 @ 10:00 – 11:00
<u>Introduction of FDT Calculation Software Program</u>	Oscar Rosique Hernandez		August-24 @ 10:00 – 10:30
<u>Comparison of ESFR Storage Solutions</u>	Harald Boxem		August-25 @ 10:00 – 11:00
<u>Introduction to Nitrogen Generators</u>	Daniel Halldan		August-26 @ 10:00 – 11:00
<u>Alternative Storage Solutions (FM)</u>	Oscar Rosique Hernandez		August-27 @ 10:00 – 11:00
<u>OPEN SESSION, Alarm Valves - Products, Design and Installation Standards</u> <u>Please submit your question upon registration.</u>	Harald Boxem		August-28 @ 10:00 – 11:00
<u>Introduction to Nitrogen Generators</u>	Guillaume Dubois		August-31 @ 10:00 – 11:00

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Live Webinar Descriptions:



Introduction to Water Mist Systems: (Duration 1.0 hours)

- The Definition of Water Mist
- How Water Mist Works
- High-Pressure Vs. Low Pressure – Does Pressure Matter?
- Overview of the Aquamist Product Range
- How This Technology Can Be Applied In Different Applications

Alternative Storage Solutions (FM): (Duration 0.5 hours)

- Explanation of the alternative In-Rack sprinkler solution including an overview of the design requirements.
- Explanation of the alternative Retro-fit In-Rack sprinkler solution including an overview of the design requirements.

Introduction of FDT Calculation Software Program: (Duration 0.5 hours)

- Explanation of the working principle of the software.
- Discuss the benefits by using the software and be able to determine the Fluid Delivery Time for Dry- and Preaction sprinkler systems during Design Phase.

Open Session - Sprinklers:

(Duration 1.0 hours)

- We will discuss questions and issues submitted upon registration on Sprinklers, the product itself but also around design and installation
- Maximum 10 questions will be allowed with max 10 attendees to keep session inter-active

Open Session – Alarm Valves:

(Duration 1.0 hours)

- We will discuss questions and issues submitted upon registration on Alarm Valves (Wet, dry, deluge and pre-action), the products itself, installation and maintenance.
- Maximum 10 questions will be allowed with max 10 attendees to keep session inter-active

Comparison of ESFR Storage Solutions:

(Duration 1.0 hours)

- Provide a basic understanding and overview of the different ESFR ceiling only options available.
- Explain and compare the design criteria for the individual ESFR sprinkler types.

Extended Coverage Sprinkler Solutions:

(Duration 1.0 hours)

- Provide a basic understanding and overview of the different extended coverage sprinklers available.
- Explain and the design criteria for the individual EC sprinkler types.

Introduction to Nitrogen Generators:

(Duration 1.0 hours)

- Provide a basic understanding, including the benefits and overview of Nitrogen application.
- Explain the working principles and technical details of our Nitrogen generators.

Introduction of the ESFR-K34 Storage Sprinkler:

(Duration 0.5 hours)

- Provide a basic understanding and overview of the ESFR-K34 ceiling only options available.
- Explain and compare the design criteria for the specific ESFR-K34 sprinkler type.

Live-Webinar-Beschreibungen:



Einführung in die Alarmventile: (Dauer 1,0 Stunde)

- Vermittlung eines grundlegenden Verständnisses und eines Überblicks über die verschiedenen Arten von Alarmventilen.
- Erklärung von den Funktionsprinzipien und technischen Details aller verfügbaren Arten von Alarmventilen.

Einführung in die Stickstoff Generatoren: (Dauer 1,0 Stunde)

- Vermittlung eines grundlegenden Verständnisses, einschließlich der Vorteile und des Überblicks über die Anwendung von Stickstoff.
- Erklärung von den Arbeitsprinzipien und technischen Details unserer Stickstoffgeneratoren.

Alternative Speicherlösungen (FM): (Dauer 0,5 Stunden)

- Erläuterung der alternativen In-Rack-Sprinklerlösung einschließlich einer Übersicht über die Konstruktionsanforderungen.
- Erläuterung der alternativen In-Rack-Sprinklerlösung zum nachträglichen Einbau einschließlich einer Übersicht über die Konstruktionsanforderungen.

Vergleich von ESFR - lösungen für Wahrenaufschlag:

(Dauer 1,0 Stunden)

- Es wird Ihnen ein grundlegendes Verständnis und einen Überblick über die verschiedenen Optionen gegeben, die nur für den ESFR zur Verfügung stehen.
- Erläutern und vergleichen von Auslegungskriterien für die einzelnen ESFR-Sprinklertypen.

Descriptions des formations en ligne :



Introduction aux générateurs d'azote : (Durée 1,0 heures)

- Fournir une compréhension de base, y compris les avantages et une vue d'ensemble de l'application de l'azote.
- Expliquer les principes de fonctionnement et les détails techniques de nos générateurs d'azote.

Descripción de los Webinars on-line en directo.



Soluciones de rociadores de cobertura extendida:

(Duración 1.0 horas)

- Proporcionar una comprensión básica y una visión general de los diferentes rociadores de cobertura extendida (EC) disponibles.
- Explicar los criterios de diseño de los distintos tipos de rociadores EC.

Soluciones de almacenamiento alternativas (FM):

(Duración 0,5 horas)

- Explicación de la solución alternativa de rociadores In-Rack, incluyendo una visión general de los requisitos de diseño.
- Explicación de la solución alternativa de rociadores en rack, incluyendo una visión general de los requisitos de diseño.

Comparación de las soluciones para almacén con ESFR:

(Duración 1.0 hora)

- Proporcionar una comprensión básica y una visión general de las diferentes soluciones disponibles de protección solo en techo de los rociadores ESFR 25.
- Explicar y comparar los criterios de diseño de los rociadores ESFR.

Introducción a los Generadores de Nitrógeno:

(Duración 1.0 horas)

- Proporcionar una comprensión básica, incluyendo los beneficios y la visión general de la aplicación con Nitrógeno en los sistemas de rociadores.
- Explicar los principios de básicos y los detalles técnicos de nuestros Generadores de Nitrógeno.

Introducción del rociador de almacenamiento ESFR-K34:

(Duración 0,5 horas)

- Proporcionar una comprensión básica y una visión general de las opciones de techo del ESFR-K34 disponibles.
- Explicar y comparar los criterios de diseño para el tipo específico de rociador ESFR-K34.