



COME JOIN US!

WEDNESDAY, SEPTEMBER 30, 2020
Niagara Falls, Canada

FOR A ONE DAY SEMINAR ON HAZARDOUS LOCATIONS EQUIPMENT!

WHO SHOULD ATTEND?

Anyone involved in the Design, Procurement, and Engineering of Hazardous Location and Intrinsically Safe Products for North American and International Certification/Approvals

WHAT WILL YOU LEARN?

1. **The IECEx System Past and Present** – understand the IECEx system and how to use it for your product approval and Personnel Certification needs
 - History and Overview of the IECEx System
 - Principles and Rules of the IECEx System
 - Types of Schemes within the IECEx System
 - Use of the IECEx Schemes for access to Global Markets
 - Use of the IECEx Schemes to improve product integrity and workplace safety

2. **INTRINSIC SAFETY AND THE IECEx** – Build on your understanding of Intrinsically Safe Product Concepts and Design with an overview of:
 - IEC 60079-11 focusing on the determination of application and implication of Single Fault Impacts
 - IEC 60079-25 focusing on IS Systems and the integration of system parts and concerns over putting different approved devices together into an integrated system
 - IEC60079-28 an overview of the new OPIS requirements in regards to Inherently Safe Luminaires and what to consider for products using LEDs and lasers to meet these requirements

You will learn what to consider when developing an intrinsically safe product in with respect to IEC Standards

Enhance your knowledge of the requirements to be considered in your Product Design in relation to constructional and testing requirements.

3. **NORTH AMERICAN EXPLOSION PROOF and IECEx/ATEX FLAMEPROOF ENCLOSURES AND EQUIPMENT** – An Understanding of:

- The differences and similarities
- Comparison between 3-Zone and 2-Division Area Classification Systems
- Information on how your equipment can comply with different standards in different jurisdictions. Constructional and test requirements differences will be discussed.

You will learn what is involved in the design and procurement of explosion proof/flameproof equipment and Area Classifications for different jurisdictions around the world.

4. **POST BREXIT – THE FUTURE OF IECEX, ATEX AND UK Ex CERTIFICATION/APPROVALS –**

Understanding the impact to manufacturers of Ex products

- Will separate approvals be required
- Will ATEX continue to be acceptable
- How IECEX approval can facilitate an ATEX or UK approval
- Differences between IECEX, ATEX and UK Ex Procedures

You will come away with a better understanding of the next steps for a manufacturer to ensure market access in the UK and Europe.

5. **IECEX Personnel Certification Scheme (ExPC) – understand the need and benefits of the Personnel Scheme**

- The need for Personnel Competency within the Ex Industry
- Background and History
- Overview of the Principles and Rules of the Scheme
- Benefits of the Scheme
- The Future of Competency Requirements

Registration? ([click here to Register](#))

This valuable Seminar/Symposium is available at a cost of:

\$650 CDN per person if Registering before June 30th, 2020

\$750 CDN per person if Registering after July 1st, 2020.

REGISTRATION DEADLINE – August 30, 2020

WHERE?

Marriott on the Falls
6755 Fallsview Blvd.
Niagara Falls, ON, L2E 3W7
Canada



Reservations can be made directly on the QPS Website. QPS has secured a block of rooms at a price of \$225 CDN per night for a City View or \$245 CDN per night for a Falls View room. Pricing also includes free internet. Click here for [Hotel Reservations](#).

BONUS

For an extra \$150 CDN join us at our IECEX Delegate Dinner overlooking Niagara Falls at Morton's Steakhouse at 7:00 p.m. September 30, 2020.