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## Hazardous area update from Expo - March 2025

Welcome to this update from Expo Technologies - your hazardous area partner.

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## 1. Featured Product – PressurEx enclosures



Meeting hazardous area requirements is difficult enough, so delivering a fully certified purge & pressurized enclosure shouldn't be complex, time-consuming, or involve unnecessary expense.

That's why Expo Technologies has introduced PressurEx – a range of enclosures that simplify the whole process and make the path to certification as smooth and trouble-free as possible.

Ready to learn more about how PressurEx enclosures can simplify and accelerate your next project? Visit the [PressurEx](#) Page on our website, or take a look at our [on-line configurator](#) or simply contact us to discuss with experts.

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## 2. [Hazardex 2025 round up](#)



Last week, the Expo Technologies team was at Hazardex Live, where our Global Certification Manager, Martha Carrillo, delivered an insightful presentation on hazardous area certification. The icing on the cake? The SmartPurge Z won Category 1: Contribution to Safety award at Hazardex Awards 2025.

A huge thank you to the Hazardex Media Group, sponsors and everyone who voted. Shout out to our Expo Technologies team for their incredible work. We also appreciate everyone who joined us for Hazardex Live 2025. We are grateful for your participation and enthusiasm but the conversation did not end here. If you are interested in learning more about [Expo's hazardous area solutions](#), please contact us for further assistance.

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### 3. HMIs for zone 1



Human Machine Interfaces (HMIs) are a convenient way to control processes and equipment. HMIs certified for hazardous areas are expensive, especially those suitable for Zone 1 or Class I Div 1 environments, where a unit can cost up to £/\$ 15,000.

As part of the Expo Technologies range of accessories for Ex p enclosures – the Operator Interface Adapter (OIA) allows regular uncertified push button HMI's to be fully usable in hazardous locations.

When installed in an Expo Technologies pressurized enclosure, the OIA increases the classification of the HMI from non-classified to Class I, II, Div.1,2, & IECEx/ATEX Zone 1,2 (21 or 22).

The Adapter provides water and dust protection, enables full functionality of operator interfaces/ keyboards, and allow viewing of enclosed monitor screens.

Adapters can be manufactured by Expo Technologies for any push button HMI including Allen-Bradley's PanelView Series.

Read more [here](#).

#### 4. Upcoming tradeshows



We are excited to share a preview of the upcoming tradeshows where Expo Technologies will be exhibiting. This year, Expo Technologies will be very active sharing our hazardous area solutions, insights, and emerging trends.

From 8th to 10th of April 2024, Expo Technologies will be at booth 29 at CEM Middle East to discuss about hazardous area solutions for analyzers. Additionally, our Global Certification Manager, Martha Carrillo, will be presenting a paper on Day 2 of the conference "Installing CEMS analyzers in hazardous areas - overview of codes and standards, protection options, and challenges".

And Expo Technologies will be at Analyzer Technology in Galveston, Texas, United States from April 28th to May 2nd to discuss best practices for installing gas analyzers in hazardous areas.

Follow [this link](#) to learn more.

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