

ETL HAZARDOUS LOCATIONS PANEL PUTS THE MANUFACTURER IN CONTROL

Pepperl+Fuchs brings product marking in-house through partnership with Intertek, speeding time to market and reaching new industries

Company

Pepperl + Fuchs

Industry

Automation

Intertek Solution

Enhanced engineering services as well as greater flexibility in creating certified solutions

For many years, the increased risks associated with hazardous and explosive atmospheres have hindered the development of a panel shop program designed specifically for hazardous location equipment. Custom-built or mass-produced Industrial Control Panels (ICPs) are subject to rigorous conformity assessment requirements.

Intertek's collaboration with Pepperl + Fuchs to develop a hazardous location panel shop program provided the ability for manufacturers to mark custom equipment without full conformity assessment of each panel. The program allows assembling custom panels per the standards and per qualification. In addition, manufacturers may draft their own test data sheets under Intertek's SATELLITE™ Data Acceptance program, and achieve ETL certification, enabling even faster speed to market.

"The integrated approach of the Intertek program greatly enhances our solutions engineering services, giving us greater flexibility to create certified solutions with best-in-class components for our customers. Joining the program was a seamless, straightforward process and we're thrilled to be the first company to participate and benefit from this offering."
- Jim Bolin, Executive Vice President - Americas, Pepperl + Fuchs.



Intertek

FOR MORE INFORMATION



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The Challenge

Pepperl + Fuchs, a leader in design, manufacture, application and support of solutions for process automation markets and applications, wanted to bring together the strengths of certified hazardous location products with the solution engineering services they provide their clients.

Bringing together these two components would allow Pepperl + Fuchs to advance the solution engineering services it provides to its customers, provide greater flexibility in creating solutions and utilize the best components for bringing tailor-made solutions to its clients.

How Intertek Helped

Intertek conducted an on-site audit and training, as well as confidence building, on the panel shop program with Pepperl + Fuchs engineers, who had to demonstrate an understanding of the standards, assembly practices, and testing. This initial audit allowed for inspection of manufacturing practices and panels that would carry ETL Mark certification. Once the audit was complete and all conditions were met, Pepperl + Fuchs was accepted into

the Hazardous Location Panel Shop Program.

As a member of the ETL Panel program, Pepperl + Fuchs engineers are able to produce custom control panels and conduct their own testing under Intertek's SATELLITE™ Data Acceptance Program, and apply the ETL Mark under a Listing program. The SATELLITE™ Program then allows manufacturers to conduct their own testing for acceptance by Intertek. Products carrying the ETL Mark demonstrate to Authorities Having Jurisdiction (AHJs) that they comply with nationally accepted standards in the United States and Canada.

The Solution

Upon completion of the on-site audit and training, and confidence building, the hazardous location panel shop program has now provided Pepperl + Fuchs with best-in-class solutions for panel building in accordance with national standards and enhanced engineering services to provide to its customers, as well as greater flexibility in creating certified solutions.