

EC marking of Purging and Pressurization ATEX EEx p equipments

This article is addressed to the manufacturers or integrators of equipments subjected to be operated in hazardous or classified areas and protected by purging and pressurization .

To comply with the directive 94/EC ATEX applicable from July 2003 a EC Type examination Certificate issued by a notified body must involve not only the purge and pressure monitor used but as well the complete equipment protected .

In other way and in order for the manufacturer to be authorized marking EC his material (this is mandatory for Europe destination) the integration of all parts related to safety must be realized by participant whose quality system has been notified 94/09/EC ATEX EEx p .

Today OPTA-PERIPH proposes to his customers:

- I. I. The supply of the Purging and Pressurization Monitor LCS Certified by EC type attestation according to the directive 94/09/EC ATEX for the Group II 2 G – Component Certification - .
- II. II. The Certification service for the customer to get the EC type attestation according to the directive 94/09/EC ATEX for the Group II 2G of the complete equipment .- Compound Certification .
- III. III. The integration (locally or in works) of all parts of equipment related to safety under quality procedure notified 94/09/EC ATEX EEx p .

Thus , customer will be authorized using the EC mark in compliance with the directive ATEX EEx p.

If a product line is involved a procedure of assistance is set-up with customer .

Among the most current ATEX EEx p applications:


- Electrical motors with air-air or air-water cooling
- Gas or liquid analysers
- Computer workstations
- Air conditioning and chillers
- Electrical or instrument cabinets
- Printers



SPECTROMETRY ANALYZER
SPECTROMETRIE



WATER CHILLER

 Purge and Pressure Monitor LCS