

ATEX Training E-Inspection and maintenance



The training ATEX4 E-Inspection and maintenance is intended for electro-technical employees who are responsible for the execution or control of inspection and maintenance work in an environment with potentially explosive areas. During this two-day training, participants learn how to carry out maintenance and inspections of electrical Ex equipment on the basis of ATEX 114 and in accordance with the applicable Dutch standards.

Training information

You can enregister for this training via [ATEXcertificaat.nl](https://atexcertificaat.nl) (in Dutch).

ATEXcertificaat.nl's training ATEX4 E-Inspection and maintenance takes two days. During the first course day, theory and practice alternate. We will discuss installation, assembly and detection of faults in explosion-proof equipment. Explanation and demos are alternated with exercises in working practice setups. During the second day it is all about visual, accurate inspections of explosion-proof equipment. The participants perform a realistic inspection on a test panels that day.

The training ATEX4 E-Inspection and maintenance has been developed for electro-technical staff who are engaged in the control or execution of inspection and maintenance work on electrical installations in an environment with potentially explosive zones. Before participating in this training, participants must have successfully completed the ATEX Awareness e-learning (more information and registration).

After following the training ATEX4 E-Inspection and maintenance, participants can carry out maintenance and inspection work on electrical Ex material based on the European directive ATEX 114 and the Dutch standards NEN-EN-IEC60079-14 and NEN- EN-IEC60079-17. The training is concluded with a final test. Participants who complete this successfully will receive a certificate that is valid for three years.

Training content

The following topics are covered during the training ATEX4 E-Inspection and maintenance:

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- Guidelines ATEX 114 and ATEX 153 guidelines/Dutch legislation (Working Conditions Act);
- Regulatory inspections (working conditions act, BRZO, permit, PGS, standards);
- Select equipment based on ATEX coding and zones;
- Working with certificates, installation and assembly requirements;
- Select the right swivels for various housings;
- Correct installation of cable glands with certain cables;
- Plant lay-out;
- Motor protection components and settings;
- Earthing and liquidation;
- Mounting and detecting faults in zoned areas;
- Drafting inspection plan for zero inspection: detailed inspection, periodic inspection: visual or accurate inspection;
- Expertise of inspectors;
- General inspection points;
- Inspection points per protection method;
- Security protections Ex-e;
- Safe measurement in zoned areas;
- Inspection of ATEX work equipment;
- Repairs: what are you allowed to do yourself, what is not done and how do you determine that?
- Assessment criteria Inspectorate SZW;
- Practice: perform visual and accurate inspection on test panels.

Practical information

Practical information

- Course duration: 2 days (9 am - 5 pm, including lunch);
- Course price: € 895 per participant (also possible in-company, inquire about the possibilities);
- Location: Kiwa Training, Wilmersdorf 50, 7327 AC Apeldoorn.

ATEXcertificaat.nl is a label of Kiwa's VCANederland. ATEXcertificaat.nl works closely with consultancy firm U & D Industrial Safety BV and Kiwa Exvison for its training courses. Our courses are provided by professional teachers with practical experience. ATEXcertificaat.nl has the quality mark of the Dutch Council for Training and Education (NRTO) for quality and professionalism.



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