






INSTALLATION & MAINTENANCE OF ATEX EQUIPMENT LEVEL 1

This training is certified ISM-ATEX by Ineris (notified body for ATEX certification).
This certification guarantees the competence of people working on ATEX equipment.
It ensures that maintenance and installation of equipment is carried out according to the applicable standards to avoid dangerous ignition sources. This training course is available in two versions, one for electrical and one for mechanical engineering technicians.

	1 day for Mech. 1,5 day for Elec.
	MAX. 12
	NL, EN, FR
	No prerequisites
	Yes

TRAINING OBJECTIVES



Intervene safely

Understand the nature of explosion risks to avoid a dangerous situation or an explosion from occurring. Adopt the right behaviour and use the appropriate PPE and tools to ensure your own safety and that of your colleagues .



Understanding Ex marking

Know the difference between the types of ATEX zones and relate it to the marking to check that equipment is suitable. Identify the protection mode of the equipment to maintain it correctly.



Know intallation & maintenance rules

Know the maintenance and installation rules for the different types of ATEX equipment in order to intervene without impacting their protection mode. A level 1 person can work under the supervision of a level 2 person.

CONTENT OF THE TRAINING

The phenomena of gas and dust explosions

- Characteristics of flammable substances
- Specific case of dusts
- Examples of explosions and explanation of the causes of accidents
- Classification of ATEX zones (gas and dust)
- Marking of equipment
- Intervention rules in ATEX zones
- Possible ignition sources and how to avoid them
- Protection modes for electrical and mechanical

General rules for installation & maintenance ATEX equipment (cable glands, equipotential bonding, types of cables distance between equipment and between terminals, types of bearings, belts, tightening of screws, seals, IP ingress protection, etc.).



ISM-ATEX level 1-E or level 1-M certificate for participants who succeeded the evaluation at the end of the training.
Certificate of participation issued for all participants present during the complete training.

About ISMA

Specialized in the science of dust and gas explosions, ISMA has decades of practical experience in indentifying, analyzing and assessing explosion risks in various types of industrial processes and equipment.
ISMA assists customers in several ways in managing their exposure to explosion risks. Please see isma.be for more information.

