



ATEX (2014/34/EU, ATEX 114) - Directive on equipment and protective systems intended for use in potentially explosive atmospheres

As a supplier or assembler of material used in an explosive atmosphere, you have a number of specific responsibilities.

If you produce **material** that is used in places where there is a **risk of explosion**, you must follow the ATEX directive 2014/34/EU (ATEX = atmosphères explosibles), also known as ATEX-114.

Your tailor-made solution

More about ATEX certification and compliance:

As a third party, Vinçotte can always offer a totally independent and impartial assessment of your equipment, security system or assembly, based on the requirements of the ATEX Directive, the European harmonised standards, and the experience of our experts.

We offer support for:

- **Reviewing the design:** Are suitable protection methods selected, are they correctly implemented? Is the right equipment selected?
- **Documentation review:** are all necessary and relevant documents present, complete and correct?
- **inspection of the unit, security system or assembly:** based on various inspections we will verify whether the design is carried out correctly and equipment is installed correctly.
- **Support with the risk analysis:** specific for your product and intended use.
- **Support with the technical documentation:** so you meet all requirements of the directive.

For more information about module A, see the tab, "**Your Result**".

Your result

ATEX (2014/34/EU, ATEX 114) – Directive on equipment and protective systems intended for use in potentially explosive atmospheres

Vinçotte can **support you** in the context of the **conformity procedure** 'module A appendix (VIII): Internal production control' for material used in zone 2/22, category 3 for dust, liquid and gas. We can assist you as an independent party with extensive expertise in this knowledge domain. We look at devices, custom-made equipment, (complex) assembly, etc.

We also support manufacturers who build machines in accordance with Machine Directive 2006/42/EC (future regulation 2023/1230) where there may be a risk of explosion internally in the machine.

Please note

Legislations

The updated ATEX Directive 2014/34/EU

Norms and Standards

Evaluation of the ignition sources in accordance with the following:

EN 1127

EN 15198

European harmonised protection/safety methods (among others):

EN 60079 series for electrical applications

EN 13463 series for mechanical applications

Specific standards for each application

In which situation?

Vinçotte shall primarily provide this service to:

- Suppliers of industrial equipment
- Assemblers of installations
- Manufacturing companies in various industries (chemicals/petrochemicals, life sciences, food, metal, etc..)
- Engineering consultancies