




Lika ATEX Encoders are designed and certified to operate in hazardous atmospheres that have the potential to explode. These environments include locations where flammable gas, vapour, dust or fibre could be present. Encoders without the ATEX certificate are not properly protected and the internal electronics can have the potential to cause ignition.

Our encoders with this mark ensure they are certified for hazardous area for the use in potentially explosive atmospheres. This covers a quite large range of products, including equipment used on fixed offshore platforms, in petrochemical plants, mines, flour mills and other areas where there is a potential for gases, vapours, mists or dusts, which can ignite.



The relevant European information for legalisation, standardisation and guidance can be found in the European commission website: http://ec.europa.eu/enterprise/sectors/mechanical/atex/index_en.htm

The links are below are to information from the European directive on the guidelines to where the ATEX encoders should be on the equipment:

Filter Units and Vented Silo bins (revised version)
Gas Turbines (revised version)
Steam Turbines
Petrol Pumps (revised version)
Cables
Rotating Mechanical Seals
Safe Openings
Bucket Elevators
Fork Lift Trucks (revised version)
Transportable, pressurised cabins ("modules")
Clarification for equipment with categories two or three
Automatically lubricating systems
Electrical Trace Heating Systems  [2 MB] (revised version)