

Operational Safety for Components in

ATEX Environments



ATEX refers to an EU regulations comprised of two directives defining the minimum safety requirements of the workplace and equipment used in an explosive atmosphere.

According to ATEX regulations, the employer is responsible for providing safe equipment mitigating the risk of explosion. Therefore, he needs to fulfill the following criteria:

Legal Requirements

- **Directive 2014/34/EU:** Equipment and protective systems intended for use in potentially explosive atmospheres
- **Directive 1999/92/EC:** Minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres

1.



2.



Technician

- Technicians need to have vocational training and work experience in the machine and maintenance area
- Technicians need special experience with the equipment to be maintained
- Technicians need regular training on explosion protection / ATEX

3.



Maintenance

- Components need to be removed to examine the overall condition
- Gap width needs to be checked
- Wearing parts need to be replaced

4.



Safety

For operational safety it is recommended that repairs and maintenance are carried out by the manufacturer

Professional ATEX Services for Your Coperion Components

ATEX services for Coperion components	Coperion Service	External (non Coperion) Services
ATEX trained, qualified and certified service technicians (for Coperion components)	✓	No
Manufacturers certificate in compliance with ATEX regulations	✓	No
ATEX test procedures	✓	Not necessarily
Comprehensive ATEX reports	✓	Not necessarily
Recommendations for spare parts and modifications	✓	Not necessarily



Coperion ensures maximum operational safety for your original Coperion components.



Coperion is the industry and technology leader in extrusion and compounding systems, feeding systems and bulk material handling plants.

For more information please visit www.coperion.com or contact info@coperion.com

Follow us

