

IECEx Explosion Protection Procedures for Mechanical Seal Manufacturers – July 2020

Process plants may contain hazardous areas where explosive atmospheres are present. Equipment applied in these areas has to be designed and approved to cover applicable safety requirements. This document has been produced by the ESA and provides a comparison of the IECEx and ATEX standards. Legislation and regulations designed to mitigate this risk are similar but are not interchangeable and application depends on geographical location and local safety regulations.

In practice the technical/ quality assurance requirements for ATEX & IECEx are identical but the methodology and route of demonstrating compliance are different.

The full document can be obtained by contacting the ESA directly or through ESA members.