



Explosive atmosphere

Certification IECEx, ATEX, UKEX
and User Services

SGS



What is your contribution to preventing explosions? Testing, Certification and Training from **SGS Baseefa**



SGS Baseefa is the leading, internationally recognised certification body for explosion protected equipment delivering both IECEx and ATEX/UKEX certification to customers around the world. Our activities extend beyond certification, providing an accessible source of expertise in many related areas. With over 300 years collective experience, we have extensive knowledge of the application of industry standards in many areas. We actively participate in committees formulating standards both at European and International level.

OUR SERVICES:

IECEx, ATEX AND UKEX PRODUCT

CERTIFICATION: for manufacturers of products intended to be installed in hazardous areas.

- IECEx: International certification
- ATEX: For sale in the EU and Northern Ireland (CE Marking)
- UKEX: For sale in Great Britain (UKCA Marking)

IECEx SERVICE FACILITY CERTIFICATION:

Repair Workshops, where plant owners need a guarantee of workshop capability

INSPECTION AND RISK ASSESSMENT

SERVICES: Expert-led assessments to help plant operators meet safety regulations and reduce risk.

TRAINING SERVICES: for manufacturers, users and installers of Ex equipment

Custom training for manufacturers, users, and installers of Ex equipment. Delivered by experienced engineers.

WHY CHOOSE SGS BASEEFA?

- **Direct Access to Experts:** Speak directly with the engineers working on your project—email, phone or face-to-face.
- **Global Expertise, Local Support:** We're active on international and European standards committees, shaping the future of Ex compliance.
- **Impartial and Confidential:** We do not offer design consultancy—ensuring complete independence and commercial confidentiality.

EXPLOSION PROTECTED EQUIPMENT

Effective explosion protection has two parts:

1. Design & Manufacture to the correct standard and protection type
2. Installation, Inspection, Maintenance & Repair in line with additional regulations

In Europe and the UK, these are regulated by:

- ATEX 2014/34/EU and UKSI 2016:1107 – covering product design and market placement
- ATEX 1999/92/EC and UK DSEAR (UKSI 2002:2776) – covering use, installation, and ongoing safety

Globally, IECEx provides comprehensive certification across all stages from manufacture to service.



CERTIFICATION THAT OPENS GLOBAL MARKETS

SGS Baseefa helps you access global markets with IECEx certification, which can also form the basis for ATEX and UKEX certification. Wherever your equipment is headed, we'll help you meet the local requirements with confidence.

TYPES OF PROTECTION

- Flameproof, Ex d – IEC 60079-1
- Intrinsic Safety, Ex i – IEC 60079-11
- Increased Safety, Ex e – IEC 60079-7
- Encapsulation, Ex m – IEC 60079-18
- Powder Filled, Ex q – IEC 60079-5
- Oil Immersed, Ex o – IEC 60079-6
- Pressurisation, Ex p – IEC 60079-2
- Non-sparking, Ex n – IEC 60079-15
- Protection by Enclosure for Explosive Dust Atmospheres, Ex t – IEC 60079-31

NON-ELECTRICAL EQUIPMENT AND PROTECTIVE SYSTEMS:

All non-electrical equipment is now certified under EN ISO 80079-36/37, aligning ATEX, UKEX, and IECEx under a single global standard.

Protective systems such as inerting, venting, and blocking are certified using relevant EN standards until international ones are introduced.

WHY SGS

We are the world's leading Testing, Inspection and Certification company. Our brand promise – when you need to be sure – underscores our commitment to trust, integrity and sustainability. Our 99,500 employees operate a network of 2,500 offices and laboratories, working together to enable a better, safer and more interconnected world.

TO LEARN HOW SGS BASEEFA CAN HELP YOU WITH HAZARDOUS ATMOSPHERES
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When you need to be sure

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