

Safety Compliance

**PROTECTING
YOUR
BUSINESS**

**Ensuring workplaces are safe environments
where all staff are protected**

As a business, AES has always valued the importance of stringent health and safety regulations, and we set the standard for the electrical industry with our accreditations and service delivery.

Hazardous Areas

ATEX & CompEx

Machine Safety

Hazardous Areas

We are one of the few suppliers nationwide that can service ATEX areas (hazardous areas with potentially explosive environments), in addition to providing machine safety assessments.

Our process-driven approach and meticulous attention to detail means there is always a clear audit trail to evidence that you have followed the recommended process to ensure that your site and staff are protected. This not only gives you complete peace of mind, but also ensures that you are safety compliant.

ATEX

You may think your workplace doesn't require special attention, but a surprising number of workplaces do, and many companies are unaware of this.

Environments with gaseous elements or those that create dust (e.g. food manufacturing, sawmills, flour mills, concrete and building products manufacture) are classed as an **ATEX area (Atmospheres Explosible)**.

AES is one of a small number of electrical contracting businesses qualified to work in such environments under CompEx accreditation.



CompEx

CompEx is a recognised worldwide training and assessment scheme for ensuring that those working in hazardous or explosive environments, whether on land or offshore, are fully trained and protected. It covers both employees of companies operating in these sectors and contractors – such as AES – who are charged with carrying out work at their premises. The name CompEx refers to **Competency working in Explosive environments.**

Why is CompEx Accreditation so Important

Firstly – and most importantly – **it protects staff and contractors** working in hazardous environments. Secondly, **it helps to protect a company's assets**, such as buildings and equipment. Finally, businesses operating in these fields can often benefit from **lower insurance costs** as a result.

AES employees with CompEx accreditation are competent in selecting, installing, inspecting, and maintaining electrical apparatus in potentially explosive atmospheres, in line with BS EN 60079.



Hazardous Areas

Full ATEX Turnkey Service

AES can offer a complete end-to-end service to manufacturing businesses with hazardous areas, as well as any of the below as stand-alone services.

- Classification of zones
- Design
- Installation
- Verification
- Inspection & Testing



Accidents in an ATEX area can sadly lead to fatalities. Working with a CompEx accredited partner such as AES ensures that you are doing everything possible to protect your staff and mitigate risk.



Machine Safety

All equipment manufacturers must gain a CE marking, but as soon as machines are interlinked on production lines, it becomes the machine operator's responsibility to comply with CE marking obligation

AES offers machine safety testing and risk assessments to maintain machine functionality standards **EN ISO 13489** and **IEC 62061**, resulting in the Safety Integrity Level (SIL) or Performance Level (PIL).

The AES machine safety service includes the necessary assessments and checks required to ensure the machines in question have no deficiencies because of incorrect design or modifications during installation.

As well as assessing and testing the machines themselves, AES will assess whether further safety measures are required. This also covers the work environment or work objects that are processed using the machine.

In addition to being **legally compliant**, you benefit from having a **safe, efficient production process** which **protects staff** and **reduces the risk** of both work-related absences and accidents. Ultimately **this results in happier staff, increased productivity and reduced costs**



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