



# ELECTRICAL AND INSTRUMENTATION SERVICES: **HAZARDOUS AREA** **INSPECTIONS**

## INTRODUCTION

When dangerous substances are released in the atmosphere they can ignite or create explosions, causing damage to property, serious injury or loss of life. The UK Dangerous Substances and Explosive Atmospheres Regulations (DSEAR), and comparable international regulations, impose duties on employers and the self-employed to minimise the risk of such occurrences.

## COMPLIANCE SERVICES

SGS has vast experience with such regulations, and in explosion protection generally. Our hazardous area inspection services ensure compliance of electrical installations in potentially explosive atmospheres for new and existing plant. This service is provided by experts who deliver practical advice and guidance to our customers to assist them in meeting the challenges associated with local regulations. Our inspection engineers have a minimum of IECEx/ CompEx 01-04 certification along with recognised industry qualifications and are highly experienced in the field of hazardous area DSEAR, ATEX and IECEx compliance.

### SERVICES WE OFFER:

- Initial inspection services for both existing and new equipment (BS EN (IEC) 60079-14)
- Regular periodic inspection services at visual, close or detailed inspection levels pertinent to the protection type (BS EN (IEC) 60079-17)
- Compiling Ex asset registers and client databases
- Verification of all installed 'Ex' equipment databases
- Ensuring compliance with all standards and regulations
- Ex installation and maintenance project management
- Ex remedial repairs



SGS reports are issued via our bespoke web and app based platform, allowing for prompt and traceable identification of our findings to the customer, with the option of dedicated access to reports through a secure customer portal.

### ABOUT SGS

SGS is the world's leading inspection, verification, testing and certification company. We are recognised as the global benchmark for quality and integrity. With more than 95,000 employees, we operate a network of more than 2,400 offices and laboratories around the world.

### FURTHER INFORMATION

To learn how SGS can help you with your individual needs, visit

[www.sgs.co.uk](http://www.sgs.co.uk)

or contact us for more information.

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**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.**

**WHEN YOU NEED TO BE SURE**

**SGS**