

# INDUSTRIAL STEAM BOILER INSTALLATIONS

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**The Safety Assessment Federation (SAFed) and the Combustion Engineering Association (CEA) have joined forces to produce a guidance document intended to assist Managers, Operators and Maintainers of Industrial Steam Boiler installations in the safe use and operation of their plant.**

The document, entitled 'Guidance on Safe Operation of Boilers BG01' and produced in consultation with the Health & Safety Executive (HSE), was issued in October 2011 and provides detailed guidance as to how those responsible can meet various legal requirements and industry best practice whilst safeguarding the health and safety of their staff and others and operating their plant in an efficient and cost effective manner.

## LEGAL REQUIREMENTS

This guidance takes into account the requirements of:

- The Management of Health & Safety at Work Regulations 1999 (MHSWR)
- The Pressure Equipment Regulations 1999 (PER)
- The Pressure Systems Safety Regulations 2000 (PSSR)
- The Provision and Use of Work Equipment Regulations 1998 (PUWER)
- The Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR).

## HOW ALLIANZ ENGINEERING, CONSTRUCTION & POWER CAN HELP YOU

In addition to completing your regular Statutory Examinations, we are able to offer a comprehensive range of services to support you in meeting your responsibilities.

## SITE AUDITS

One of our highly trained and specialist Engineer Surveyors will attend your site and carry out a detailed and documented audit of your existing processes, procedures and documentation against the requirements of 'Guidance on Safe Operation of Boilers BG01'.

From this audit we will be able to determine what actions are required to ensure you are meeting BG01 requirements and offer you options to resolve any deficiencies, such as:

- **Environmental issues** – water treatment solutions
- **Non Destructive Testing (NDT)** - to monitor the degradation of your plant,

check integrity of welds, fatigue and/or erosion defects

- Review the repairer's proposals and undertake post repair inspections
- **Site Risk Assessments** – we will attend site and develop a detailed and documented risk assessment in line with the requirements of Regulation 3 of MHSWR and 'Guidance on Safe Operation of Boilers BG01'
- Statutory Examinations
- Written Scheme(s) of Examination (WSE) for your pressure systems.

## FOR FURTHER INFORMATION

To discuss how we can help you with your engineering needs, please contact:

Tel: **0345 076 0146**

Email: [special.services@allianz.co.uk](mailto:special.services@allianz.co.uk)

Alternatively, visit us online at [allianz.co.uk/specialservices](http://allianz.co.uk/specialservices) for our full list of engineering services.