Your manufacturing operations
Are they up to standard?

Safe manufacturing requires effective management of equipment, people and management systems.

These three elements also need to be aligned. An important element of management systems are standards and procedures which define how you comply with company, regulatory and national requirements. Effective safety and technical engineering compliance can seldom be achieved without demonstrable systems backed up by written standards and procedures.

Typically, compliance procedures concentrate on ‘what is required’ rather than the ‘how to achieve’. This can lead to inconsistent implementation and inappropriate approaches being adopted. Technical procedures that clearly define both what has to be achieved and how this should be done help to avoid these issues.

However, developing management and technical standards procedures that are both technically appropriate and cost effective is not easy. The task is complex, time consuming and requires competent resources not only in the technical area, but also in writing clear, practical procedures.

What we offer
ABB has helped numerous international companies translate their engineering, health, safety, environment and quality policies into effective standards and procedures to achieve their business objectives.

We work closely with national regulatory bodies (such as the UK Health and Safety Executive) to establish industry good practices. Through our consultancy services, project design, construction and plant support activities we have an in-depth and practical understanding of the application of all the major national / international standards and good practice guidance.

We retain access to a full range of applicable technical engineering standards, and have developed our own set of standards and procedures that we may use as the basis for our work with clients where appropriate.
Procedures and standards management delivery

ABB can produce bespoke standards and procedures to ensure we capture the specific ways of working and culture within your organisation. ABB also has a range of ‘off-the-shelf’ procedures which can be accessed via our internet portal.

To access a demonstration version of an example procedure, visit: www.abbconnect-IT.com and enter username: trial-view and password: trial.

Examples of guidance on applying international standards include:

- IEC 61508 / IEC 61511 and SIL determination (covering both how to determine target SIL levels and how to achieve this)
- Alarm management - technical guide to the implementation of EEMUA 191 and ISA 18.02

Examples of other technical procedures include:

- Pressure relief guide - design, testing and inspection procedures
- Hazard study process - key requirements, process and tools for effective PHAs

Bespoke standards and procedures have been produced for a broad range of technical disciplines across all industry sectors. They have been produced on subjects ranging from mechanical design and construction management through to compliance with the electricity at work regulations. We offer standards in various ways from one off sales through to a fully managed and maintained service.

Lifecycle support

Introducing standards and procedures to your operations is an important first step to achieving improvements, but it is equally important to implement a robust system of training and compliance auditing. ABB can tailor an implementation program to suit all needs including training, workshops and audits.

Benefits

- Confidence in procedures that match the policy or standard
- Best practise approaches, processes and tools
- Fast and cost effective adopting of the procedure
- Lifecycle support to implement, discuss and update the standards

Why ABB?

We have a long track record of producing bespoke standards and procedures across a broad range of technical disciplines and across all industry sectors.

Our engineers have an operational backgrounds and make technical judgement based on their experience.

We are active members of industry wide bodies, such as EEMUA (Engineering Equipment Manufacturers and Users Association) and British and European standards committees, such as BSI and CEN. We also contribute to American and International Standards, such as ASME and ISO.

We offer cost effective access to scarce specialist expertise.