



Specialist engineering audit

An ever-increasing legislative burden with keen enforcement and greater competition means that companies have to continually improve to prosper. The ABB specialist engineering audit is a proactive process developed to drive improvement and assure the integrity of plant equipment and operations.

Benefits of ABB specialist auditing

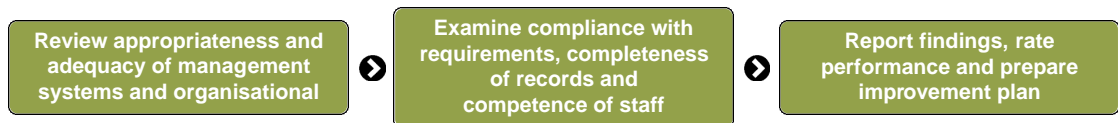
Auditing should do more than just check that legislation and company procedures are complied with.

Our approach delivers the following additional benefits:

- An objective assessment of performance relative to best practice
- Recommendations of where and how improvements may be made
- An improved understanding of legislation and best maintenance practice by operators and management
- An appraisal of equipment and associated systems with assurance that they are fit for purpose for a defined period
- A commitment to improve

Our approach

An effective audit programme needs to:



Our audit will typically start by studying the site procedures and gaining an understanding of the hazards on the plant and the range of equipment. We then test understanding of requirements at all levels in the organisation and confirm that appropriate systems are in place. Because our auditors are experienced functional specialists, we can also give an opinion on the fitness for purpose of the equipment based on our observations.

An informal presentation of the key findings is made before leaving site. This is followed by a detailed report giving strengths, observations and recommendations for each topic. An improvement plan can be prepared directly from the audit findings if required.

Benefits of using ABB

Our audit methodology has been successfully applied over many years both in the UK and abroad. It is tried and tested in many different sectors.

We can provide management systems to work to, train your staff and provide valuable independent appraisal for management to convince the regulator that assets are safe and well cared for.

Our staff have operational experience and understand the need for cost effective solutions. They are experts in their field and bring technical expertise to complement their knowledge of legislation and management systems. We regularly work with the regulator and trade bodies to influence standards and legislation on behalf of industry.

We have developed a very effective modular audit methodology that can be tailored to your exact needs. For each module we identify strengths and recommend improvements as well as providing an objective rating based on our word models.

We have a vast amount of data from other audits we have carried out and can use this to give objective feedback on performance relative to world class performance and other clients in the same sector. Often we will be asked to formulate a cost effective improvement plan.

All our auditors are practicing engineers recognised as experts in their field with many years experience of design, maintenance and good engineering practice. They are quickly able to assess whether equipment is performing as it should and comment on maintenance and operation.



Real world experience at your fingertips!

ABB delivers leading edge guidance and global services in asset management and operations improvement. We deliver, improve, assure and maintain the performance of our clients' manufacturing operations and associated infrastructure, managing all the technical, process, operational and regulatory problems to optimise manufacturing and project performance, output and profit.

- Improving business and supply chain performance
- Improving regulatory performance and compliance
- Improving variable cost performance
- Increasing operational competitiveness
- Optimising asset base

Our in-house capabilities mean that our clients benefit from a uniquely comprehensive range of services relevant to their needs, all from one company. ABB Industries division serves the automotive, cement, chemical, distribution, electronics, food and beverage, life sciences, marine, metals, mining, paper, petroleum, printing and telecommunications industries with application-specific power and automation technology. The division has strong domain expertise to create Industrial IT-enabled products and services for its customers in these industries.

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