

Quality Assurance & Control

EPC Power Management is a unique company that combines high level knowledge with stable manpower. We have been providing structured and stable results in technical complex environments. We do not just provide people: we provide solutions

QA&QC by EPC Power Management

Main objectives of Quality Control:

The basic intention of a system of quality assurance and quality control according to *EPC Power Management* should always be “to do things right the very first time”. Prevention instead of detection is the key to achieve a high quality product.

EPC supports its clients in achieving the project targets by defining with the project team and the major project suppliers the system of quality control based on following principles:

- Predictability
- Reliability
- Reproducibility
- Transparency
- Compliance
(Specifications, rules, regulations & legislation)

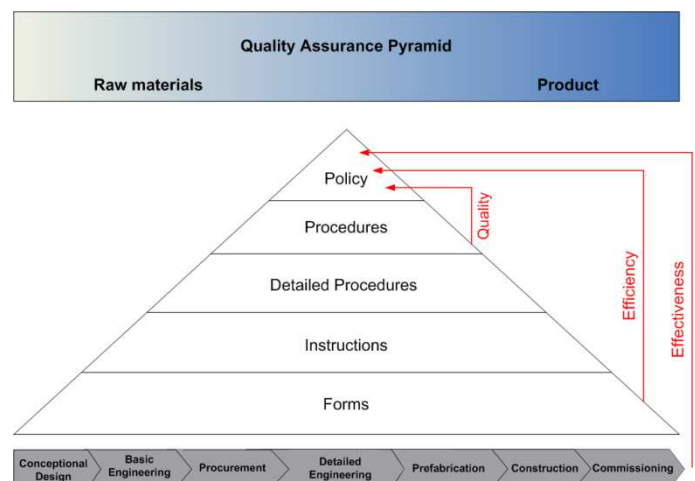
Implementation of a system of Quality Control

EPC Power Management is capable of supporting the Client or supplier with a training programme of its core team members or with assisting the Client with EPC Power Management specialists in order to arrange a program of quality control based on project specific

procedures aligned with the clients quality assurance system, resulting in a program of activities. Activities which are partially mentioned hereafter:

- Risk based Quality Control Programs
- Clear overview of sub-suppliers
- Quality Control on all levels (Main supplier → Sub-sub-sub)
- Safe guarding requirements on ISO 9000 certification of main suppliers
- Legal position to be clarified (contractual, European Directives, CE-marking etc.)
- Pro-active inspection and test program (ITP)
- Introducing a system of reporting on Quality Control issues.
- Clear follow-up of actions as a result of inspection visits
- Defect mitigation at (sub-) suppliers
- Quality Control Programme to be incorporated in Time Schedule

Generally speaking, a project can be seen as a process of transformation of raw materials into a fully operational plant. The philosophy needed to capture all essential steps in this transformation process is explained in the figure showing the Quality Assurance Pyramid below.



By using this systematic approach we have achieved full compliance with the ISO – 9000 standards of quality management systems for our clients in several major projects over the last decade.

EPC *Power Management* has developed and implemented in-house procedures and instructions for the essential steps or phases in this model.

Our clients, involved in major CAPEX projects, have been supported by this EPC *Power* library of procedures and instructions to the benefit of their major investment projects.

We own and use a fully operational database with all necessary models and documents to make this possible. (see figure 2)

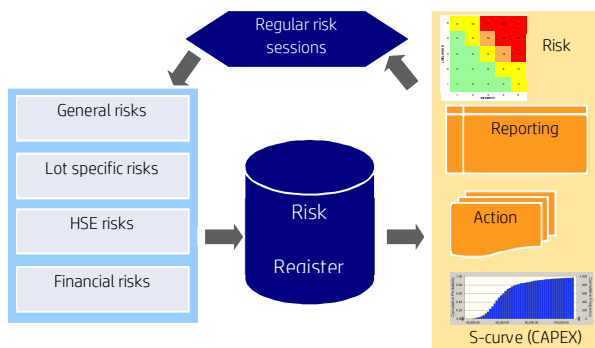
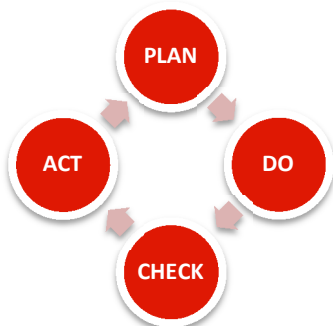


Figure 2

Risk Based Quality Control

By supporting a Quality Assurance and Quality Control system with a clearly defined process of risk identification and risk management during a project the continuity of the work is guaranteed.

Decisions during the project by the management teams are supported by a transparent analysis based on facts and valid decisions. This analysis can be used for later reference, supporting the Deming *Plan, Do, Check & Act* cycle which is one of the corner stones of quality assurance.



ISO 9001: 2008 Certification for EPC Group

EPC *Group* of companies also is living up to its own standards of management since our company has been operating in compliance with the ISO 9001 standard since 2006, enabling us to certify our company in 2009. The QMS audit performed in the first quarter of 2012, with satisfactory results by the accredited certification body KIWA, has led to solid recertification of EPC *Group* valid till March 2015.

To get more information on the subject of Quality Assurance and Quality Control, make an appointment with one of our Senior Project Managers:



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