

Q.I.P. Competence Center

Competence center "Quality, Innovation, Productivity (Q.I.P.)"

1. Initial Situation

The job of a quality manager cannot be learned from books. Despite commitment and good will of the involved process owners, often a lack of time and human resources makes it hard to keep the quality management system in good condition.

In fact, as in many other disciplines, one needs a coach who assists and supports the employees to cope with difficult situations.

Solution: creation of a competence center „Q.I.P.“ (Q.I.P. Competence Center)

2. Q.I.P. Competence Center

The Q.I.P. Competence Center has following main goals:

- to improve the quality capability of a company systematically and in a continuous manner,
- to reduce costs (due to wastes / failures) and to improve productivity,
- to achieve results from the breakthrough strategies of Six Sigma projects in such fields as purchasing, production and sales,
- to enhance the competence of the employees.

„Q.I.P.“ Competence Center can conduct following activities:

- project-related events
- Training / Workshop / Education on relevant methods
- Online support
 - Data analysis using statistical software
 - Making test series in the production
 - Evaluation of suppliers' quality data
- Preparation of the quality assurance agreements with suppliers
- Support in development of ISO compliant documentation

To achieve the goals, there will be conducted regular meetings and quality techniques consultations in which all active project managers and process owners will take part.

3. Meetings of the Q.I.P. Competence Center

Under the guidance of experienced experts and coaches there will be a chance to discuss all the problems in a competent environment and thus to solve them effectively. In particular a Q.I.P. Center helps in the achievement of the following:

- Projects are examined regularly and systematically in order to detect vulnerabilities.
- Project meetings are regularly reviewed for their effectiveness.
- Solutions are defined and their implementation is planned.
- Decisions are prepared and brought about.

4. Quality Techniques Consulting

In a Q.I.P. Center there are taught certain theoretical and practical skills in order to select and to apply the necessary techniques, such as management techniques, preventive quality techniques and tools for data collection, data weighting and data presentation to ensure and to demonstrate the quality of products and processes.

Management techniques

- collection and analysis of quality-related costs
- quality motivation, leadership behaviour
- employee surveys
- methods for idea generation and decision-making (pair-by-pair comparison)
- quality circles and suggestion systems
- design of internal and external customer-supplier relationships

Preventive quality techniques

- Quality Function Deployment (QFD)
- Failure Mode and Effects Analysis (FMEA)
- Statistical experimental design and optimization (DoE)
- Economic tolerance setting
- Process flow chart and process simulation
- Neural networks, fuzzy logic

Instruments for data collection, weighting and presentation

- Data collection sheet, histogram, Pareto analysis
- Multi-Vari-Image
- Error detection and reporting
- Process mapping
- Ishikawa diagram

5. Get your own impression of how it works!

Make an appointment with us for an initial talk.

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