AT CLIENT'S COMPANY AS REQUIRED | DURATION : 3 DAYS

JAPAN QUALITY MANAGEMENT CERTIFICATE (QC KENTEI) – LEVEL 3 –

~Affirm your company's reputation on high-quality products which have been strictly controlled by professional QA/QC department!~

Do your company's QA/QC departments:

- Have adequate awareness and clearly know important principles to professionally control the product/service quality?
- Proficiently use QC tools to inspect and control product quality at each production stage effectively?
- Be able to detect products & find errors in time, and figure out the optimal solutions to not repeat the same errors?

Japan has always been famous as a world leader in quality management. AIMNEXT would like to introduce to you training related to "Japan Quality Management Certificate (QC Kentei) - Level 3" to help corporations develop stable foundation for quality management, at the same tme support QA/QC Department to ultilize its important roles in building company's reputation and brand identity.

CONTENT

Part 1. Basic concepts of quality control

- QC Thinking method
- Definitions of quality
- **Quality Management**
- **Quality Assurance**
- Policy Management & Daily Management
- QCC
- **QMS**

Part 2. Data collection & analysis

- Types of data
- Sample and population
- Method of sampling & measurement uncertainty
- **Basic statistics**

Part 3. Process capability index (CPK)

- In case of specifications with upper and lower limit
- In case of specifications with only oneside limit
- Standard evaluation of Process capability

Part 4. 7 Quality Control Tools

- Checksheet
- Pareto chart
- Cause-and-effect diagram
- Scatter diagram
- Histogram
- X-R Control chart
- Other graphs

Part 5. New 7 Quality Control **Tools**

- Affinity diagram
- Interrelationship diagram
- Tree diagram
- Matrix diagram
- Arrow diagram
- **Process Decision Program** Chart (PDPC)
- Matrix data analysis diagram

Part 6. Basis of statistics

- Probability and probability distribution
- Normal Distribution and **Binomial Distribution**

Part 7. Control Chart

- What is Control chart?
- Types of control chart
- Terminology in Control chart
- How to create Control chart
- How to analyze Control chart
- Techiniques for Identification of unusual process

Part 8. Correlation analysis

- Correlation analysis
- Correlation coefficient

Part 9. Follow up: conduct an online test after 1-month implementation to work

*The above content is subject to change without prior notices



OBJECTIVES



- Raise awareness of quality management and product quality improvement.
- Know how to collect & analyze data, and know how to use QC tools for data visualization and effective quality control and inspection.

TARGET



Staff



Middle-Management



Top-Management

METHOD



30% theory, 70% practice through group discussions, presentations, case studies, role-playing, games, etc.





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