



# The Quality Control Training Course [QCTC]

## - Continuous Improvement at Production Sites through the Perspective of Energy Conservation -

20 February – 8 March 2019 (2weeks)

at AOTS Kansai Kenshu Center (KKC) <To Be Determined>

### Course Objectives

By participating in this program, participants will be able to:

- (1) Gain an accurate understanding of the fundamentals of TQM activities practiced by Japanese companies.
- (2) Develop a clear awareness of the roles of managers in promoting TQM activities.
- (3) Develop the ability to make practical use of the mechanisms and techniques required in promoting TQM.
- (4) Improve their capabilities that contribute to energy conservation in their companies through efforts in failure rate reduction in process, waste elimination, and improvement activities by practicing TQM.

### Target Participants

Managers, Supervisors and/or staff who are responsible for the promotion of TQM/quality control activities at manufacturing companies, with a basic knowledge of the seven QC tools.

### Language

All lectures, discussions and company visits will be conducted in English or in Japanese with translation into English.

### Characteristics of the course: Curriculum centered on management techniques

Based on the five pillars of "daily management and management by policy", "quality assurance", "production systems", "human resource development" and "problem solving and continuous improvement", this course focuses on the question "Why are Japanese companies strong in the area of quality?". The course incorporates abundant case studies and simulations that will enable participants to put what they have learned on the course into practice immediately after returning home. This training program is designed to improve the participants' abilities so that they can contribute to energy conservation in their companies by promoting quality control activities effectively and implementing continuous improvement at production sites in their companies.

### Tentative Schedule

Date		Morning Session	Afternoon Session
2/20	Wed.	Opening Ceremony / Orientation	Lecture: Concept of TQM in a Low Carbon Society
21	Thu.	Lecture: TQM Promotional Methodology and QC Viewpoints/Mindsets	Lecture / Case Study: QC Mindsets and Viewpoints
22	Fri.	Lecture: Management by Policy vs Daily Management	Lecture / Case Study: Formulation and Deployment of Policy
23	Sat.	Day off	
24	Sun.		
25	Mon.	Lecture: Human Resource Development by QC Circles	Lecture / Case Study: Formulation of QC Circles Revitalization Plan
26	Tue.	Lecture: Process Control and Improvement	Lecture: Process Control and Improvement
27	Wed.	Lecture: Establishment of Production Systems	Lecture / Case Study: Exercise on Production Systems
28	Thu.	Lecture: Promotion Procedures of Quality Assurance	Lecture / Case Study: Formulation of QC Process Charts
3/1	Fri.	Company Visit: QC Circles / Quality Control	Company Visit: QC Circles / Quality Control
2	Sat	Day off	
3	Sun		
4	Mon	Company Visit: QC Circles	Company Visit: QC Circles
5	Tue	Exercise: Problem Solving and Continuous Improvement for Energy Saving - 1 (QC Game)	
6	Wed	Exercise: Problem Solving and Continuous Improvement for Energy Saving - 2 (QC Game)	
7	Thu	Exercise: Problem Solving and Continuous Improvement for Energy Saving - 3 (QC Game)	
8	Fri	Presentation on Exercise on Problem Solving and Continuous Improvement	Final Report Presentation Closing Ceremony

**- Part of the participation expenses will be covered by subsidy from the Japanese government -**

**Application Deadline: 10 December 2018 (Mon.)**