

Can you use 7 QC tools well?



The Program for Quality Problem Solving [PQPS]

~ Improving understanding and practical skills of QC problem solving methods ~

General Supervisor:

Dr. Noriaki KANO Professor Emeritus, Tokyo University of Science

Program Director:

Mr. Yukihiro ANDO TQM Consultant

Dr. Masaaki KANEKO Professor, School of Information and Telecommunication Engineering, Tokai University

■ Duration: 28 February – 12 March 2024 (2 weeks)

■ Venue: AOTS Tokyo Kenshu Center, Japan

■ Target: Managers/supervisors or engineers who wish to acquire practical knowledge of techniques for improving quality and resolving important problems with, in principle, more than 3 years of business experience

■ Fee: This program is **partly subsidized** by Japanese Government. Please see Program Outline for details.

Application Deadline: 4 December 2023 (Mon)

Application to : Name of AOTS Alumni Society

Name of Coordinator

TEL : +XX-X-XXXX-XXXX Email : XXXXXXXX@XXXXX.com

Inquiry: AOTS Overseas Cooperation Group Email: shouhei-au@aots.jp

■ Aims of the Course ■

In this program, through lectures, exercises, and observation, participants will aim below.

- (1) Through lectures and case studies focusing on practical understanding, the program seeks to ensure that participants master approaches to the ways of utilizing QC problem-solving methods, which are indispensable as a basis of TQM.
- (2) The program seeks to ensure that participants improve their own ability to resolve quality problems in their workplaces.
- (3) The program aims to improve the ability of participants to lead and promote problem-solving activities in their workplaces.

The Positioning of this Course (Target Participants)

AOTS uses the following outline to design courses on quality management, according to the positions of the participants. This course (PQPS) has been designed for managers/supervisors and engineers who wish to acquire practical knowledge of techniques for improving quality and resolving important problems.

	Program	Target Participants	Aims	Duration
Senior Managers	PQM	Senior Managers/ Middle Managers who are expected to play further roles in the future	<Management Level> Improving ability to promote quality management based on the policies of the top managers	7 - 20 February 2024 (2 weeks)
Managers	PQPS	Managers/Supervisors, Engineers	<Operation Level> Learning approaches to and techniques for quality improvement	28 February - 12 March 2024 (2 weeks)
Supervisors/ Engineers				

Course Itinerary

*All lectures, discussions and project company visits will be conducted in English or Japanese with English interpretation.

Date	Morning Session		Afternoon Session
28 Feb. (Wed.)	Orientation/ Opening Ceremony	LECTURE: Course Overview/ Introduction to TQM The Importance of Problem Solving Activities	LECTURE & EXERCISE: -Approaches to and Ways of Implementing Problem Solving
29 (Thu.)	LECTURE & EXERCISE: "Observation" and Techniques - Check Sheets and Pareto Diagrams		LECTURE & EXERCISE: "Analysis" and Techniques -Cause-and-Effect Diagrams LECTURE & EXERCISE: "Standardization" and Techniques
1 Mar. (Fri.)	LECTURE & EXERCISE: Instructions for Statworks		LECTURE & EXERCISE: "Observation" and Techniques - How to Read and Draw a Histogram
2 (Sat.)	Day Off		
3 (Sun.)	Day Off		
4 (Mon.)	LECTURE & EXERCISE: "Observation" and Techniques - Control Charts		
5 (Tue.)	COMPANY VISIT: - Case Study of Promoting Improvement Activities		
6 (Wed.)	EXERCISE: Combined Exercise-1 - Histogram and Control Charts		LECTURE & EXERCISE: "Analysis" and Techniques - How to Draw a Scatter Diagram/ Stratification
7 (Thu.)	EXERCISE: Combined Exercise-2 - Histogram and Scatter Diagrams		LECTURE: Introduction of Actual QM Research
8 (Fri.)	COMPANY VISIT: -Problem Solving Case Study		
9 (Sat.)	Day Off		
10 (Sun.)	Day Off		
11 (Mon.)	EXERCISE: Comprehensive Case Study -Guidance to the Case Study		EXERCISE: Comprehensive Case Study -Preparation for Reports by group
12 (Tue.)	LECTURE: Special Lecture “Advanced Quality Theory”		EXERCISE: Comprehensive Case Study -Presentation / Q & A/ Closing Ceremony

AOTS Tokyo Kenshu Center:

Training facility with accommodation (meals provided)
(Address: 30-1, Senju-azuma 1-chome Adachi-ku, Tokyo, Japan)

