

7 TOOLS OF QUALITY CONTROL

~Applying 7 QC tools to enhance the capability of quality control!~

At your factory...

- ✦ Though many data are collected, they haven't been used effectively to strengthen quality control activities.
- ✦ When there is a case of defective product, it takes too much time to track the cause of the problem.
- ✦ The quality improvement activities do not meet your expectation.

So, what is the solution?

CONTENT

Part 1: First, let's understand the concept of Quality Control !

- ◆ The meaning and importance of Quality Control
- ◆ The difference between Quality Control and Quality Inspection

Part 2: Understand and practice using 7 tools of Quality Control !

- ◆ Check sheet & exercise
 - ◆ Pareto chart & exercise
 - ◆ Cause-and-effect diagram & exercise
 - ◆ Histogram & exercise
 - ◆ X-R Control chart & exercise
 - ◆ Scatter diagram & exercise
 - ◆ Other chart & exercise
- *Explain and practice drawing the charts by using Microsoft Excel.

Part 3: Apply 7 tools, implementing Quality Control and improvement activities!

- ◆ Apply to the PDCA circle (Plan-Do-Check-Act)
- ◆ 7 essential steps of the problem solving process, and the quality improvement activities

Part 4: Summary and Action Plan

※The above content is subject to change without prior notices



OBJECTIVES



- ➔ Understanding the basic knowledge and how to use each of 7 tools of Quality control.
- ➔ Comprehending the methods to draw 7 tools by using Microsoft Excel.
- ➔ Grasping 7 steps of problem solving and methods to apply 7 tools of QC to the reality of work.

TARGET



- ☐ Staff
- ☒ Middle-Management
- ☒ First-line Management
- ☐ Top-Management

METHOD



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



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