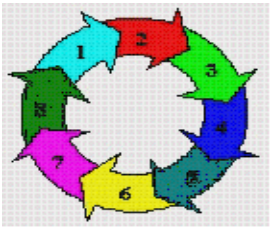
Onsite and Sponsored Seminar

Basic Disciplines of Problem Solving



Participants of this 1-day session acquire a disciplined approach to work with teams and develop skill to address issues in all activities of the organization. Attendees will receive brief seminar presentation materials.

WHERE? At your facility (For larger group)

WHEN? At a mutuallv convenient time.

DETAILS: Please visit for information and registration.
www.Nutek-us.com/wp-sem.html - onsite

WHO SHOULD ATTEND?

- Human resource personnel
- Product/Process Design Engineer
- R&D Scientists, or QA Personnel
- Manufacturing manager (who wish to lead, teach, and facilitate team activities)

COURSE CONTENT

For their own continuous quality improvement (quality system requirements, QS-9000, 4.14.1) activities at all levels of engineering and manufacturing, in early 1990's Ford Motor Company introduced a standardized set of steps to be followed in solving problems by quality improvement teams within the company. These eight step process of problem solving is known as 8D (Eight disciplines)* and is by far the common disciplines used and accepted by most industries today. It is the basis for all subsequent problem solving technique developments such as 6D, 7D, 9D and 10D.

This short session will present detailed discussions of the basic disciplines involved in problem solving for all situations. This course will provide the participants the information required to complete an 8D problem solving process for the automotive manufacturers. In this session the participant will learn the 8D process and be ready to begin to use the discipline on actual problems in their own workplace. They will learn how to effectively use a team approach to problem solving. The disciplines prescribed offer the attendees a framework to utilize the experience and expertise in their own activity and implement permanent solutions to the problems encounter.

Discussion Topics

- Form Team
- Describe Problem
- Contain Problem
- Identify Root Causes
- Find Solutions
- Implement Permanent Solution
- Establish Controls
- Recognize Team

Learning Objectives:

This problem-solving methodology can be applied in industrial practice to improve the product development process. It is structured into eight disciplines that emphasize team synergy. The processes recognizes that the team as a whole is better and smarter than the sum of the individuals.

COURSE INSTRUCTOR

This seminar is led by Ranjit K. Roy, Ph.D., P.E., PMP, and Mechanical Engineer. Dr. Roy specializes in the Taguchi approach to quality improvement and engineering quality improvement topics.

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