

design of experiment

DOE is a simple yet effective problem solving methodology. It can be applied to problem resolution & also to problem prevention. DOE supports quality improvement initiatives from primitive to world-class quality levels.

This training module explains Shainin techniques of DOE in a simple step-by-step approach.

This training module is designed to give a first-hand experience of use of DOE tools through simulated classroom exercises.

Contents

Why DOE?

How to measure variation?

Introduction to 7 DOE tools

Multivary charts

Paired comparison

Component search

Variable search

Full factorials

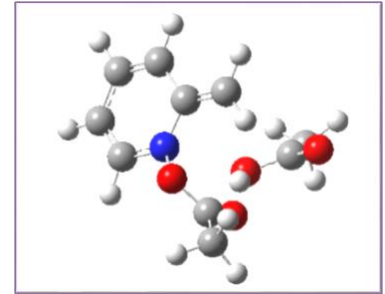
B vs. C

Scatter plots

Positrol, SPC, Pre-control

Take Away

On attending this training programme, the participants will be able to relate to DOE concepts & tools with a view to using them for problem solving & variation reduction.



Objectives

Review of quality concepts

Understand the concept behind DOE

Become familiar with tools used in DOE

Learn & practice DOE tools

Who should attend?

Middle level, Senior level

What is the duration?

1 day, 2 days, 3 days, 3 ½ days

[choose duration](#)

Interaction language

English

Methodology

Multimedia Presentation

Lecture

Facilitated Discussion

Group exercise

Individual Exercise

Study material

Games

Q & A

Quiz

To benefit from this training workshop as an organization or, an individual or, a group, please [contact us](#).

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