

Statistical Process Control (SPC) - Awareness Level

Course Description

This course provides an easy to follow introduction to the key principles of process control and capability. The objectives are:

1. To enable personnel with little or no prior knowledge of statistical methods to understand how these methods can support the management and improvement of business processes.
2. How SPC can help with understanding the sources of variation which affect a process.
3. To familiarise personnel with the terminology used in an SPC context to enable them to communicate with others.

Duration/Delivery Mode

Typically 1 day.

Target Audience

Managers, supervisors, shift/team/section leaders, process setters and operators, buyers, marketing/sales personnel, etc



Benefits

Statistical Process Control (SPC)

- Participants will understand how SPC methods can assist them in their work activities.
- Participants will be able to understand the SPC jargon used by their colleagues and customers.
- The course contributes to the implementation and maintenance of ISO/TS 16949.



Related Courses

Please see also our SPC Foundation Level course

- Foundation Level



Course Details Summary

Statistical Process Control (SPC)

- Limitations of inspection and test activities
- Understanding process variation through data
- Process control charts
- Common and special causes of variation
- How to use and interpret a control chart
- Over adjustment of a process
- Finding the root causes of process variation
- Process capability and performance
- Use of SPC to achieve the best set up for a process

To request a detailed course agenda, or to discuss your requirements with a training advisor, please contact us via the web page link (or by using the contact details shown below). If required, we shall be pleased to visit you for an initial discussion.



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