



NewGrange

TRAINING & SERVICES LTD

Better People, Better Business®



Statistical Process Control (SPC)

Advanced Methods

There are many process situation which, in the context of SPC, present problems or even appear to be unsuitable for the application of SPC. Often, the greater knowledge provided by this course can overcome the apparent difficulties. This course will enhance the existing knowledge and skills of personnel involved in SPC.

It is recommended that delegates have already attended the Foundation Level SPC Course.

Benefits to your organisation

- ✓ Enables SPC methods to be applied to a wider range of processes
- ✓ Helps to maximise the effectiveness of the SPC programme

Course Location:	On-Site at your premises
Course Duration:	2 Full Days, 9.30am - 4.30pm (dates to suit you)
No. of Delegates:	12 delegates max

Course Programme

- Rational Sampling and Subgrouping
- Further Control Chart Decision Rules
- Control Charts for Special Situations e.g.
 - Control Charts for Processes with Drift (e.g. tool wear)
 - Control Charts for Short Production Runs
 - 3-Way Control Chart
 - Exponentially Weighted Moving Average (EWMA) Control Chart
 - CuSum Chart
- Further Methods for Process Capability Studies e.g.
 - Probability Plots
 - Capability Indices for Non-Normal Distributions
- Other Charting Methods e.g.
 - Pre-Control
 - Multi-Vari Chart
- Effect on SPC of Measurement System Variation

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