



*Presented by the Geelong Quality Council
supported
by the Geelong Manufacturing Council*



Statistical Process Control 2017 Workshop

Wednesday 1st November 2017

9:15 am for 9:30 am - 2:30 pm

Deakin Cats Community Centre, Simonds Stadium, Kardinia Park, South Geelong

Workshop

Every organisation is challenged on a regular basis to improve their processes to meet ever more stringent specifications on their services and products. This hands on workshop will cover how the Statistical Process Control (SPC) methodology can be used to help meet these improvement opportunities and to provide ways of monitoring performance. The methodology has been widely used in manufacturing and is equally applicable to non manufacturing environments.

The workshop, which assumes no prior learning, will cover the following:

1. How SPC fits into the Lean 6 Sigma methodology.
2. What is Statistical Process Control.
3. The meaning of various basic statistics.
4. Elements and interpretation of control charts.
5. "Hands on" activity on data collection and creation of a control chart.
6. Calculation of process capability indices to assess ability to meet specifications.
7. How understanding different types of variation helps direct your problem solving.
8. Ideas on how to "Put it all together" for comprehensive monitoring of performance.

Note: this workshop is a repeat of the Statistical Process Control Workshop held in October 2016. Please bring with you a calculator / smart phone with basic calculator functions (add, subtract, multiply, divide and square root).

Presenter

The presenter, Flavio Giurco, has a passion for data and for displaying it to provide insights for decision making. He has a wealth of knowledge and experience in the field of statistical process control gained over many years at Alcoa of Australia and currently at the Transport Accident Commission.

His presentation will utilise a range of case studies from manufacturing and non-manufacturing environments to illustrate concepts.

Agenda

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| 9:15 am | Registration. |
| 9:30 am | Workshop Start |
| 2:30 pm | Workshop Close |

RSVP by Friday 27th October 2017

Places are limited to 24 and registration is essential.

Register on line: <https://www.trybooking.com/SFHZ>

Cost: \$100 (includes morning tea, lunch and workshop materials)

Further details from: Flavio Giurco (M: 0439 319 249) or Richard Hamilton (M: 0402 973 894)

Directions



For detailed map of Kardinia Park refer to “Deakin Cats Community Centre Map.pdf”

Enter Kardinia Park from Kilgour Street

Parking available at Premiership Stand Car Park

Enter the stadium through the Doug Wade Gate (Gate 8) outside the Players Stand.

Deakin Cats Community Centre is on the Ground Floor

Geelong Quality Council

Vision

We aim to contribute to the development of a prosperous Geelong community as a not for profit resource that supports individuals and organisations to achieve operational excellence.

Purpose

To assist Geelong region organisations achieve *operational excellence* by facilitating information sharing on management systems/sustaining, lean/waste reduction philosophies, 6 sigma /systematic problem solving principles and emerging quality approaches. We do this by:

- Arranging regular, low cost, site visits, seminars and workshops focusing on sharing methods and tools that assist in achieving operational excellence.
- Creating a collaborative learning environment where experienced people from a diversity of organisations can share their knowledge and network with others for the benefit of the community.
- Offering experiences for students to learn about operational excellence.

Values

GQC encourages a respectful open environment where diverse views are welcomed in a manner that accords with ethical business practices.

Committee

Our committee meets on the second Wednesday of the month from 5:30pm-6:30pm at the Geelong Club, 74 Brougham Street, Geelong, to plan the activities of the Geelong Quality Council. Meeting dates are on our web site. We welcome new members to our committee.

Contact: Flavio Giurco, telephone 0439 319 249, email: Flavio@oqs.com.au web site: www.gqc.org.au

