

## CONTROL CHART & PROCESS CAPABILITIES

### **Purpose:**

This two-day course focuses on the process quality or quality control. This course is a brief introduction to the statistical use of control charts in the control of quality of attributes and variable data.

### **Duration:**

2 days

### **Cost:**

R8000 per person

### **Course content:**

- Understand the process
- Types of measurement techniques
- Importance of the sample
- Check sheets and time plots
- Variable charts (e.g. X&R bar Charts, Individual charts)
- Attributes charts (e.g. P-Charts, NP-charts, U-charts; C-charts)
- Process capability

### **Benefits:**

- Be able to collect data
- Analyze, interpret and present data
- Make predictions
- Be able to give early warning of potential problems
- Be able to calculate control limits and process capability indexes

