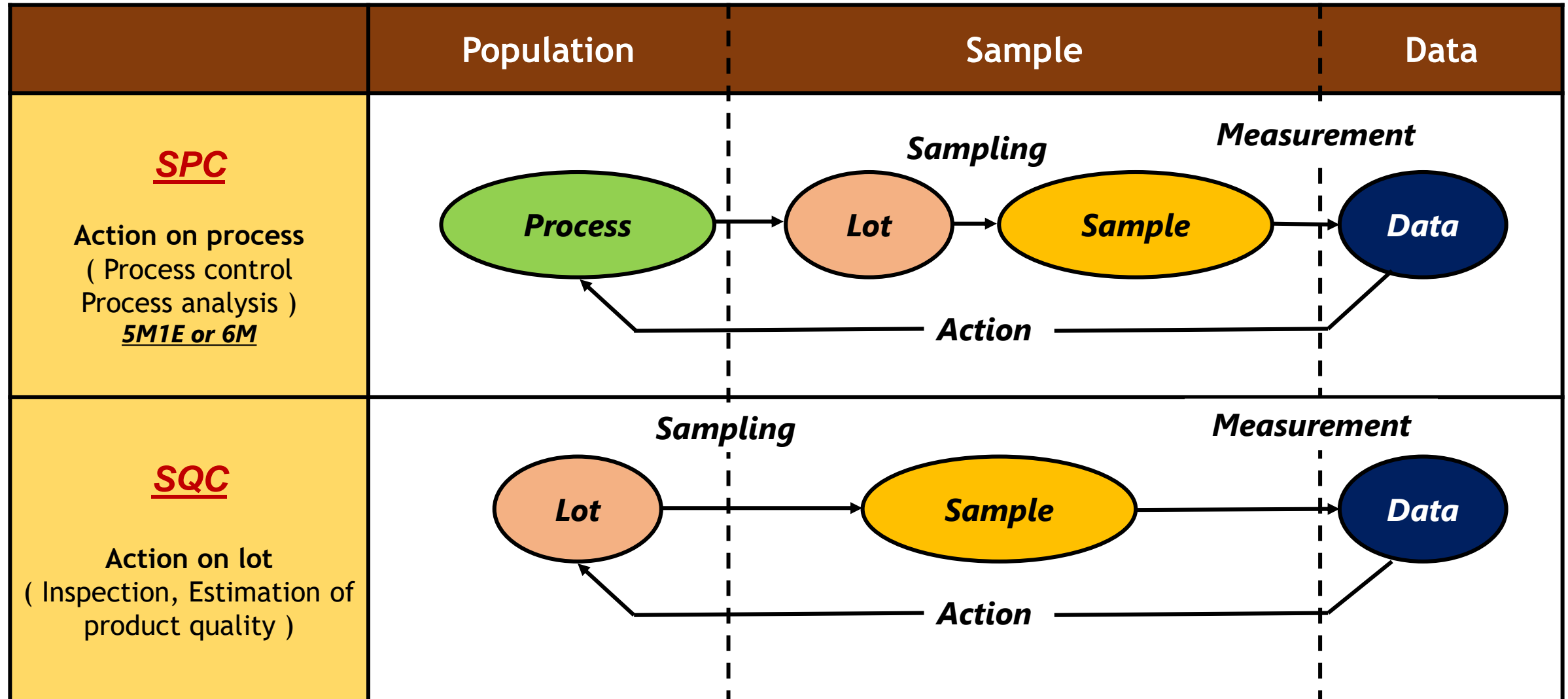


# Statistical Process Control (SPC)

Population, Sample and Data

# Statistical Process Control (SPC)

## Population, Sample and Data





Upcoming  
Event!

## “ Defect Prevention through Capability Studies & Poka Yoke ”

### Program Objectives

- ✓ To familiarize the participants to apply the concepts on stability, Control Charts & Histograms, Cpk & Ppk in the Shop Floor / Office.
- ✓ To understand and apply the Principles of Poka Yoke ( Error Proofing ) into their Product & Process designs.

### Program Date & Time :

23-11-2018 (Friday) & 24-11-2018 (Saturday) [ 2 days ]  
09.00 am to 05.00 pm

### Target Participants :

Engineers & above - from QA, SQA, Manufacturing ,NPD & other engineering functions

### Resource Person :

A V Manivannan, Principal Consultant & Trainer

Get your **Certificate** after successful completion of the course

### Program Fee :

individual(or) from a company

Rs. 4800/- (incl. GST) per participant

3 employees from the same company:

Rs. 4500/- (incl. GST) per participant

4 to 6 employees from the same company:

Rs. 4300/- (incl. GST) per participant

(These Charges include GST, Complementary Work book, Stationery, Refreshments & Lunch)

### Venue :

**Radha Regent Hotel**

Next to Arumbakkam Metro Station, Near CMBT Bus Stop,  
Arumbakkam, Chennai.

# Public Workshop on “ Defect Prevention through Capability Studies & Poka Yoke ”

## Course Deliverables

### Day 1

- ✓ Fundamentals of Statistics
- ✓ Stability factor in any process
- ✓ Descriptive and Inferential statistics
- ✓ Histogram : What, why & how ?
- ✓ Interpretation of Histogram patterns
- ✓ Significance of Sigma factor
- ✓ How to compute the Sigma and its meaning
- ✓ Six sigma, Cp & Cpk computation
- ✓ Key interpretations of Cp & Cpk
- ✓ Case studies on Cp & Cpk
- ✓ Ppk studies ( Initial Process Studies ) and the rules
- ✓ Machine capability studies
- ✓ Cpk studies on Non-normal distribution ( Extreme Skew )
- ✓ Z scale methodology for computing fraction defectives

### Day 2

- ✓ Fundamentals of Error prevention
- ✓ Journey towards Zero defects
- ✓ Product design Vs Process Design
- ✓ Poka Yoke : Various linkages
- ✓ Concepts of Poka Yoke : A detailed Look
- ✓ Origin of Poka Yoke
- ✓ DFA & DFM : A glimpse
- ✓ Types of Poka Yoke
- ✓ Process and the Influencing factors
- ✓ Human errors and resulting defects
- ✓ Case studies on Poka Yoke
- ✓ Creativity : A different view

**Participants are requested to bring scientific Calculator**

**Last date of Registration:**

20-11-2018 ( Tuesday )

**Contact us :**

Mobile : +91 99621 17222

(or )

Write to us at “[spel@sripadhmam.com](mailto:spel@sripadhmam.com)”